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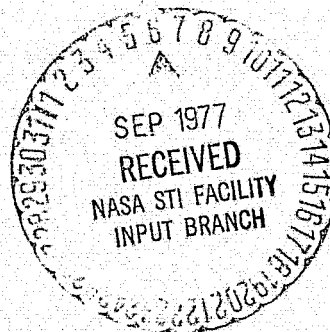
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**EFFECTS OF CANARD LOCATION ON THE AERODYNAMIC CHARACTERISTICS
OF A BLUNT-NOSED MISSILE AT MACH NUMBERS OF 1.5 AND 2.0**

Donald L. Kassner and Brian Wettlaufer

**Ames Research Center
Moffett Field, California 94035**

July 1977



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16. Abstract A blunt-nosed missile model with nose-mounted canards and cruciform tail surfaces was tested in the Ames 6- by 6-Foot Wind Tunnel to determine the contributions of the component aerodynamic surfaces to the static aerodynamic characteristics at Mach numbers of 1.5 and 2.0 and Reynolds number of 1×10^6 , based on body diameter. Data were obtained at angles of attack ranging from -3° to 12° and canard-deflection angles from -3° to 15° for various stages of model "build-up" (i.e., with and without canard and/or tail surfaces). Results were obtained with the canards at two different nose locations. For the canard and tail arrangements investigated, the model was trimmable at angles of attack up to about 4° or 5° with canard deflections of 9° . For this blunt-nosed model, there was little effect of canard location on trim angle of attack. The tail arrangements studied provided ample pitch stability.					
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EFFECTS OF CANARD LOCATION ON THE
AERODYNAMIC CHARACTERISTICS OF A BLUNT-NOSED
MISSILE AT MACH NUMBERS OF 1.5 AND 2.0

Donald L. Kassner and Brian Wettlaufer*

Ames Research Center

SUMMARY

A blunt-nosed missile model with nose-mounted canards and cruciform tail surfaces was tested in the Ames 6- by 6-Foot Wind Tunnel to determine the contributions of the component aerodynamic surfaces to the static aerodynamic characteristics at Mach numbers of 1.5 and 2.0 and a Reynolds number of 1×10^6 , based on body diameter. Data were obtained at angles of attack ranging from -3° to 12° and canard-deflection angles from -3° to 15° for various stages of model "build-up" (i.e., with and without canard and/or tail surfaces). Results were obtained with the canards at two different nose locations.

For the canard and tail arrangements investigated, the model was trimmable at angles of attack up to about 4° or 5° with canard deflections of 9° . For this blunt-nosed model, there was little effect of canard location on trim angle of attack. The tail arrangements studied provided ample pitch stability.

INTRODUCTION

Some recent emphasis in missile technology has been in the area of developing a series of configurations with canard controls on the nonconstant-diameter nose portion of the missile. The objectives have been to provide both terminal guidance and high maneuverability during the flight. Of concern is the influence of the canard-control surfaces on the missile-tail effectiveness caused by the trailing vortices from the canards. Present predictive techniques (ref. 1) have been demonstrated to be inadequate, particularly for the case of the canards located on nonconstant-diameter regions of the missile (e.g., the nose). Accordingly, an extensive series of wind-tunnel tests (refs. 2-4) has been performed to provide basic experimental data to be used in developing the required improved predictive techniques.

*Project Engineer, ARO, Inc.

This test addressed itself to the effects of a fore and aft location of nose-mounted canards on the aerodynamic characteristics of a blunt-nosed missile model. Data were obtained with and without canards and/or tail surfaces at Mach numbers of 1.5 and 2.0. The angles of attack ranged from -3° to 12° , and the canard-deflection angles ranged from -3° to 15° .

NOMENCLATURE

The axis systems and sign convention are shown in figures 1 and 2. Data are presented in the unrolled body-axis coordinate system. Because the data were computer-plotted, the corresponding plot symbol, where used, is given together with the conventional symbol.

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
C_A	CA	missile axial-force coefficient in unrolled body-axis system; axial force/ $S_{REF}q_\infty$
C_ℓ	CBL	missile rolling-moment coefficient in unrolled body-axis system; body rolling moment/ $S_{REF}q_\infty \ell_{REF}$
$C_{\ell C(B)}$	CRMC	rolling-moment coefficient in body-axis system for canard panels summed together
$C_{\ell C(B)+T(B)}$	CRMB	rolling-moment coefficient in body-axis system for all canard and tail panels summed together
$C_{\ell T(B)}$	CRMT	rolling-moment coefficient in body-axis system for tail panels summed together
C_m	CM	missile pitching-moment coefficient measured in unrolled body-axis system; pitching moment/ $S_{REF}q_\infty \ell_{REF}$
$C_{m C(B)}$	CMC	pitching-moment coefficient in unrolled body-axis system for canard panels summed together
$C_{m C(B)+T(B)}$	CMB	pitching-moment coefficient in unrolled body-axis system for all canard and tail panels summed together
$C_{m T(B)}$	CMT	pitching-moment coefficient in unrolled body-axis system for tail panels summed together
C_N	CN	missile normal-force coefficient in unrolled body-axis system; body normal force/ $S_{REF}q_\infty$

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
$C_{N_{C(B)}}$	CNC	normal-force coefficient in unrolled body-axis system for canard panels summed together
$C_{N_{C(B)+T(B)}}$	CNB	normal-force coefficient in unrolled body-axis system for all canard and tail panels summed together
$C_{N_{T(B)}}$	CNT	normal-force coefficient in unrolled body-axis system for tail panels summed together
C_n	CYM	missile yawing-moment coefficient in unrolled body-axis system; body yawing moment/ $S_{REF} q_{\infty} l_{REF}$
$C_{n_{C(B)}}$	CYMC	yawing-moment coefficient in unrolled body-axis system for canard panels summed together
$C_{n_{C(B)+T(B)}}$	CYMB	yawing-moment coefficient in unrolled body-axis system for all canard and tail panels summed together
$C_{n_{T(B)}}$	CYMT	yawing-moment coefficient in unrolled body-axis system for tail panels summed together
C_Y	CY	missile side-force coefficient in unrolled body-axis system; body side force/ $S_{REF} q_{\infty}$
$C_{Y_{C(B)}}$	CYC	side-force coefficient in unrolled body-axis system for canard panels summed together
$C_{Y_{C(B)+T(B)}}$	CYB	side-force coefficient in unrolled body-axis system for all canard and tail panels summed together
$C_{Y_{T(B)}}$	CYT	side-force coefficient in unrolled body-axis system for tail panels summed together
l_{REF}	LREF	reference length for all coefficients (missile body diameter for cylindrical portion); 12.70 cm (0.417 ft)
M_{∞}	MACH	free-stream Mach number
q_{∞}	Q	free-stream dynamic pressure
S_{REF}	SREF	reference area for all coefficients (cross-sectional area of cylindrical portion of center body); 126.7 cm ² (0.136 ft ²)
β	BETA	angle of sideslip, deg.

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
α	ALPHA	angle of attack, deg
ϕ_C	PHI-C	missile roll angle, deg.
ϕ_T	PHI-T	interdigitation angle between canard and tail panels, deg
Control Surface Code		
δ_{C_X}	D(X)	deflection angle of canard panel number X, (X = 1, 2, 3, 4); see figure 2
Configuration Code		
B	B	body
C ₁	C1	small canards (aft position)
C ₂	C2	small canards (mid position)
C ₃	C3	small canards (forward position)
C ₄	C4	large canards (mid position)
C ₆	C6	large canards (aft position)
C ₇	C7	small canards (mid position)
N ₁	N1	sharp nose
N ₂	N2	blunt nose
N ₃	N3	semiblunt nose
T ₁	T1	tail panels (aft position)
T ₂	T2	tail panels (mid position)

TEST FACILITY

The Ames Research Center 6- by 6-foot Wind Tunnel is a variable-pressure, continuous-flow, closed-return type facility. The nozzle leading to the test section is of the asymmetric sliding-block type which permits a continuous variation of Mach number from 0.25 to 2.3. The test section has a perforated floor and ceiling with provisions for removal of boundary-layer flow at transonic Mach numbers.

MODEL DESCRIPTION

The model and its components are shown in figure 3. The model was a sting-mounted body of revolution, 12.70 cm in diameter and 132.08 cm in length, as shown in figure 3(a). Three nose shapes were used: a pointed, three-caliber tangent ogive and two blunted, three-caliber tangent ogives, as shown in figure 3(b). The model used six sets of four canard fins and two sets of four tail fins, all with various aspect ratios, as shown in figures 3(c) and 3(d), respectively. The dimensions of the canard and tail fins are given in table 1. Each of the four canards and four tail fins had a three-component balance mounted inside the body. The four tail fins had a fixed incidence angle of 0° . Each canard had a variable incidence angle that was remotely controlled and monitored from outside the tunnel. The locations of the canards and tails on the body are indicated in the nomenclature and figure 3(a). The total model loads were measured on a 5.1-cm (2-in.) six-component balance (Task MKIIIE) furnished by Ames.

Model photographs are shown in figure 4. Only the most blunt nose (N2) is considered in this report.

TESTING AND PROCEDURE

The investigation was conducted at Mach numbers of 1.5 and 2.0 and at a Reynolds number of 1×10^6 , based on body diameter. Data were obtained at angles of attack from -3° to 12° with canard incidence angles of -3° to 15° . For this report the model was tested in the unrolled position, $\phi_C = 0^\circ$. The experimental data, presented as a function of angle of attack, were obtained from pitch sweeps at a constant canard-deflection angle. An angle transducer, mounted on the aft end of the model support, was used to measure the angle of attack of the model.

DATA REDUCTION

The six-component main balance forces and moments were corrected for weight tares and reduced to coefficients in the unrolled body-axis system, as shown in figure 1. The moment-reference center for all body-axis coefficients was at model station 66 (one-half the length of the sharp-nosed body in figure 3(a)). All force and moment coefficients were based upon the following dimensions:

$$S_{REF} = 126.7 \text{ cm}^2 (0.136 \text{ ft}^2)$$

$$l_{REF} = 12.70 \text{ cm} (0.417 \text{ ft})$$

The three-component fin balance forces and moments for each canard and tail panel were reduced to normal-force, pitching-moment and root bending-moment coefficients about an axis system in the plane of the fin, as shown in figure 2. These fin coefficients were then summed together in two groups, canards and tails, and reduced to coefficients in an axis system about the model centerline. They were then further reduced to coefficients about the moment-reference center in the unrolled body-axis system. Coefficients were obtained for each axis system.

The angle of attack was corrected for flow angularity and sting deflections. Stream-angle corrections used to correct for flow angularity were based on data taken during the investigation.

RESULTS AND DISCUSSION

Computer-plotted data on C_N , C_m , C_A , C_Y , C_N , and C_L vs α are presented in figures 5 through 8. The missile model was unrolled ($\phi_C = \text{PHI-C} = 0^\circ$) for all results presented in this report.

Body-Alone Characteristics

Body-alone characteristics for the blunt-nosed configuration BN2 are shown in figure 5 for Mach numbers of 1.5 and 2.0 and angles of attack from -3° to 12° . As in previous body-alone tests (e.g., ref. 2), C_N increases somewhat not only with α but with increase in Mach number. The increase in C_N with increase in Mach number is, however, not large, and with further increase in Mach number above about $M_\infty = 2.0$, C_N can be expected to decrease (ref. 5).

At supersonic Mach numbers, the side forces, yawing moments and rolling moments are essentially zero. This is not the case, however, at subsonic Mach numbers when α exceeds about 20° (see, for example, refs 2 and 6).

Body-Tail Characteristics

Body-tail characteristics for configuration BN2T1 are presented in figure 6 for Mach numbers of 1.5 and 2.0. The circular and diamond symbols represent the results for the body with tail (BN2T1) while the square and triangular symbols represent the results for the tail alone (summation of four tail panels in the presence of the body).

Generally, the tail (T1) developed at least half the total C_N for α up to about 12° . By comparing the C_m results of figures 5 and 6, one can observe the strong effect of the tail in providing stability in the pitch plane. Also, it can be seen in figure 6 that the C_m versus α results for the body plus tail are not greatly different from those for the tail alone, especially for $M_\infty = 1.5$. The side-force, yawing-moment, and rolling-moment coefficients for the body plus tail and the tail (in the presence of the body) were generally negligible at all test conditions.

Body-Canard Characteristics

Body-canard characteristics for configuration BN2C1 are presented first in figure 7 (figure pages 10-51) for Mach numbers of 1.5 and 2.0. The circular and diamond symbols represent the results for the body with canard (BN2C1) while the square and triangular symbols represent the results for the canard alone (summation of four canard panels in the presence of the body). Results are presented with only the side panels (position $X = 2$ and 4) deflected consecutively at $D(X) = D2 = D4 = -3^\circ, 0^\circ, 1^\circ, 3^\circ, 6^\circ, 9^\circ$, and 15° (see figure 2). In all cases, the vertical panels (position $X = 1$ and 3) are undeflected ($D1 = D3 = 0^\circ$).

Following body-canard characteristics for configuration BN2C1, similar characteristics are presented for configuration BN2C3 (figure pages 52-93). Canard C1 was located at the most aft canard position, and canard C3 was located at the most forward canard position (see fig. 3(a)).

Generally, the canard panels developed less than half the total C_N at both test Mach numbers. Being located well forward of the pitching-moment reference center, the canard panels also contributed substantially to the unstable pitching-moment characteristics typical of a body without tail fins. Canard C3, located at the most forward missile station, of course contributed more than canard C1 to the unstable pitching-moment characteristics. As expected, an increase in panel deflection angle resulted in some increase in C_N and positive (unstable) C_m for both BN2C1 and BN2C3.

Body-Canard-Tail Characteristics

Body-canard-tail characteristics for configuration BN2CT1 are presented first in figure 8 (figure pages 94-177) for Mach numbers of 1.5 and 2.0. The circular symbols represent the results for the body BN2 with

canard C1 and tail T1. The square symbols represent the results for the canard alone (summation of four panels in the presence of the body), and the diamond symbols represent the results for the tail alone (summation of four panels in the presence of the body). Finally, the triangular symbols represent the results for the canard plus tail in the presence of the body. Results are presented with only the side canard panels (position $X = 2$ and 4) deflected consecutively at $D(X) = D2 = D4 = -3^\circ, 0^\circ, 1^\circ, 3^\circ, 6^\circ, 9^\circ$, and 15° (see figure 2). In all cases, the vertical canard panels (position $X = 1$ and 3) and all tail panels are undeflected ($D1 = D3 = 0^\circ$).

Following body-canard-tail characteristics for configuration BN2C1T1, similar characteristics are presented with the canard more forward, configuration BN2C3T1 (figure pages 178-261).

Generally, the canard plus tail (C1T1 or C3T1) developed about half the total C_N for α up to about 12° . A similar result was obtained at a subsonic Mach number of 0.8 in reference 2. In all cases, enough normal force was developed by the tail to produce stable C_m characteristics over the α range.

The most rearward canard (C1) was generally effective in trimming the model ($C_m = 0$) at angles of attack up to about 3° or 4° with panel deflections of 9° . With movement of the canard forward (C3), there was only slight improvement in trimming capability. For example, canard C3 was generally effective in trimming the model at only about an angle of attack of 1° more than C1 for the same panel deflection angle. When the pointed nose (N1) was used instead of the highly blunted nose (N2) described in this report, the missile model was trimmable to much higher angles of attack (ref. 3). The reader, of course, can study in detail the various results for each test condition in this report and similar reports (refs. 2-4).

CONCLUDING REMARKS

A blunt-nosed missile model with nose-mounted canards and cruciform tail surfaces was tested in the Ames 6- by 6-Foot Wind Tunnel to determine the contributions of the component aerodynamic surfaces to the static aerodynamic characteristics at Mach numbers of 1.5 and 2.0 and a Reynolds number of 1×10^6 , based on body diameter. Data were obtained at angles of attack ranging from -3° to 12° for various stages of model "build-up" (i.e., with and without canard and/or tail surfaces). Results were obtained with the canards at two different nose locations.

For the canard and tail arrangements investigated, the model was trimmable at angles of attack up to about 4° or 5° with canard deflections of 9° . For this blunt-nosed model, there was little effect of canard

location on trim angle of attack. The tail arrangements studied provided ample pitch stability.

Ames Research Center
National Aeronautics and Space Administration
Moffett Field, California 94035

April 28, 1977

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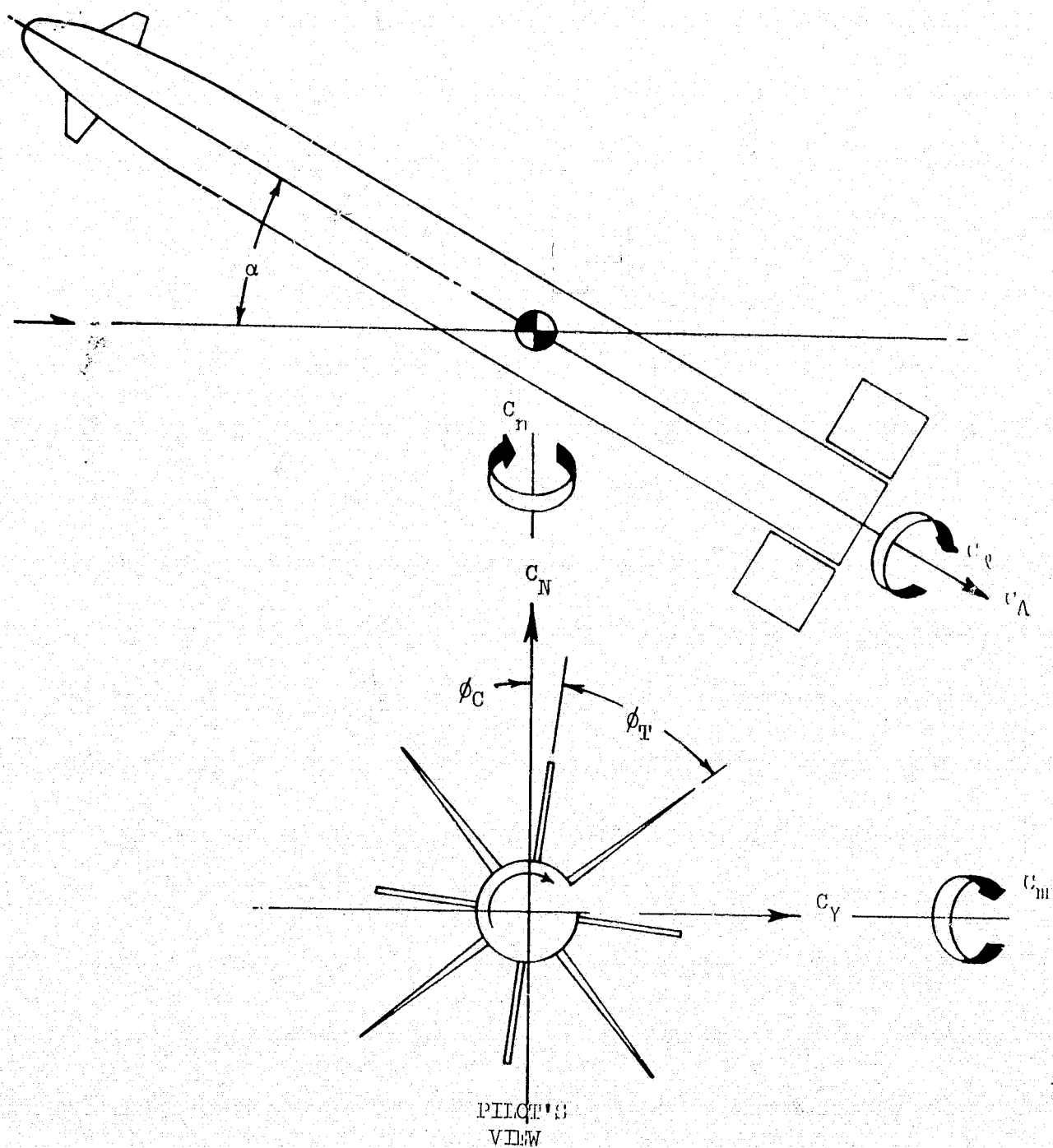
1. Pitts, William C.; Nielsen, Jack N.; and Kaattari, George E.: *Lift and Center of Pressure of Wind-Body-Tail Combinations at Subsonic, Transonic and Supersonic Speeds*. NACA Rep. 1307, 1957.
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TABLE 1. - DIMENSIONS OF CONTROL PANELS^a

	C ₁	C ₂	C ₃	C ₄	C ₆	C ₇	T ₁	T ₂
A					45		0	45
B	1.68	1.68	1.68	2.40	2.54	2.37	3.18	3.81
C	5.08	5.08	5.08	7.18	10.16	7.18	12.70	17.78
D	.25	.25	.25	.36	.38	.36	.51	.51
E	3.81	3.81	3.81	5.39	9.53	3.56	6.35	8.89
F	2.11	2.11	2.11	2.98	4.37	2.98	5.72	7.62
G	.08	.08	.08	.08	.15	.17	.51	.51
H	0	0	0	0	0	.81	3.18	3.81
I	1.52	1.52	1.52	2.15		3.84	12.70	8.89
J	0	0	0	0	0	.81		
K	1.68	1.68	1.68	2.40	2.54	7.37		

^aNote: all dimensions are in centimeters except "A", which is in degrees.

See control panel drawings, fig. 3(c).



NOTE: POSITIVE DIRECTIONS OF FORCE COEFFICIENTS, MOMENT COEFFICIENTS, AND ANGLES ARE INDICATED BY ARROWS.

Figure 1. - Axis System.

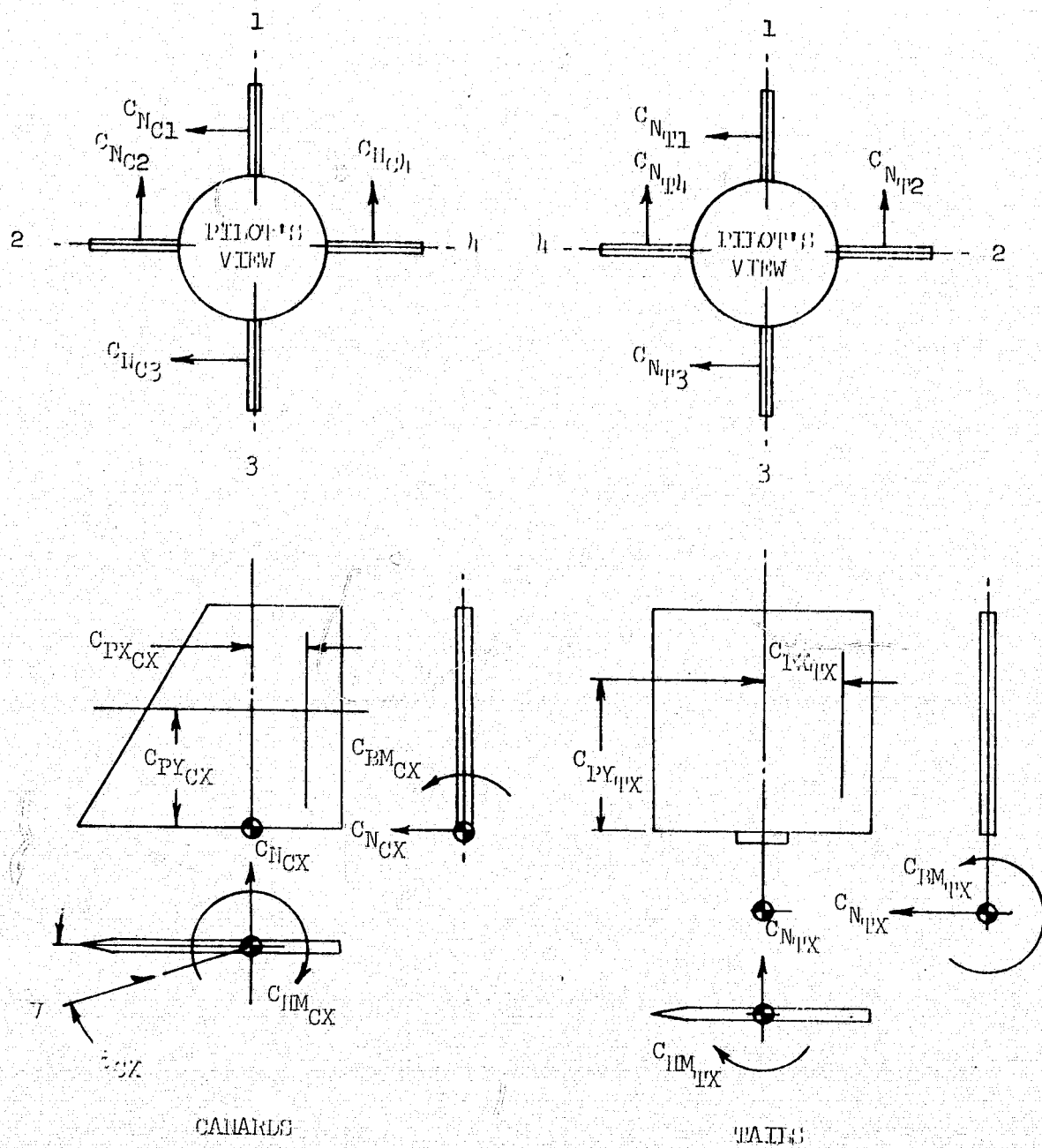
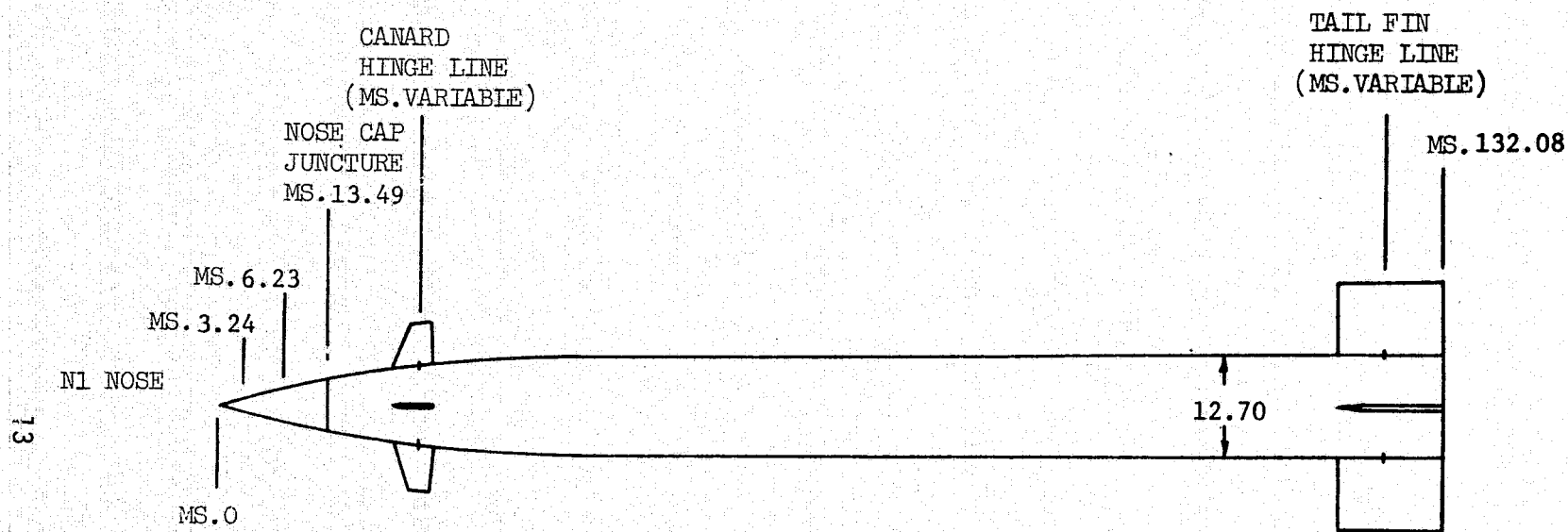


Figure 2. - Control panels sign convention



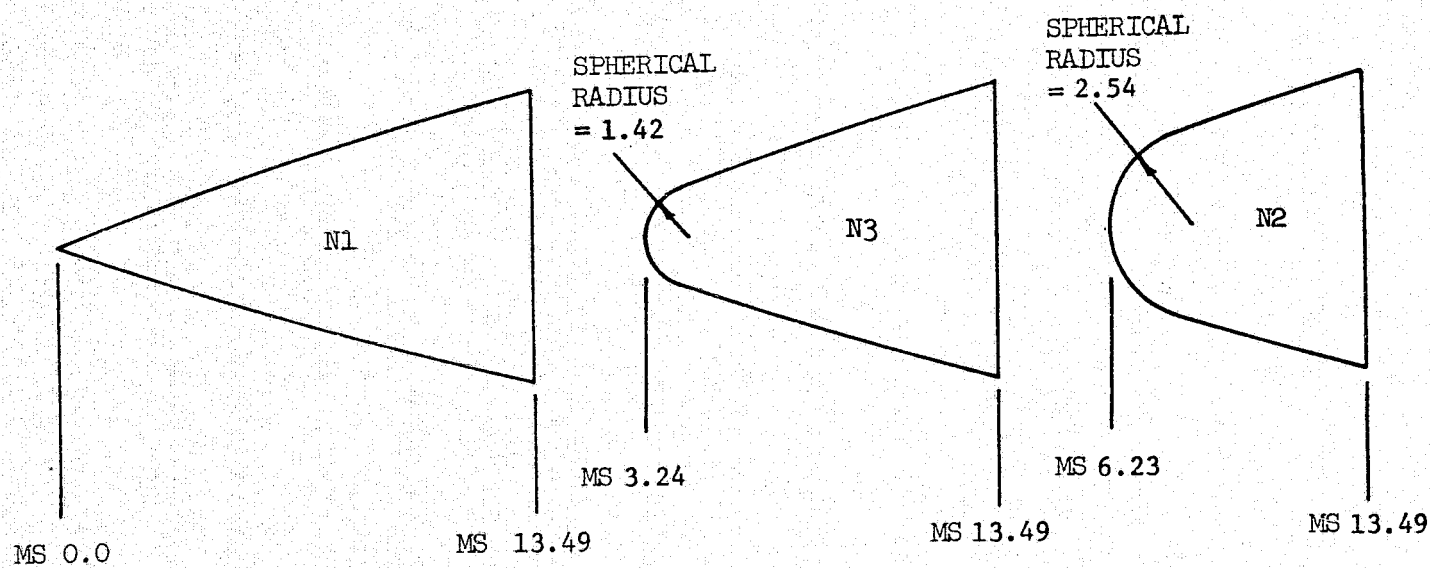
HINGE LINE LOCATION (MS.)	CANARD POSITION
17.03	FWD
23.18	MID
38.10	AFT

HINGE LINE LOCATION (MS.)	TAIL FIN POSITION
107.32	FWD
116.84	MID
126.37	AFT

NOTE: MODEL IS AXIS SYMMETRIC, CANARD
AND TAIL ARE CRUCIFORM CONFIGURA-
TIONS AND MAY BE ALIGNED OR
INTERDIGITATED

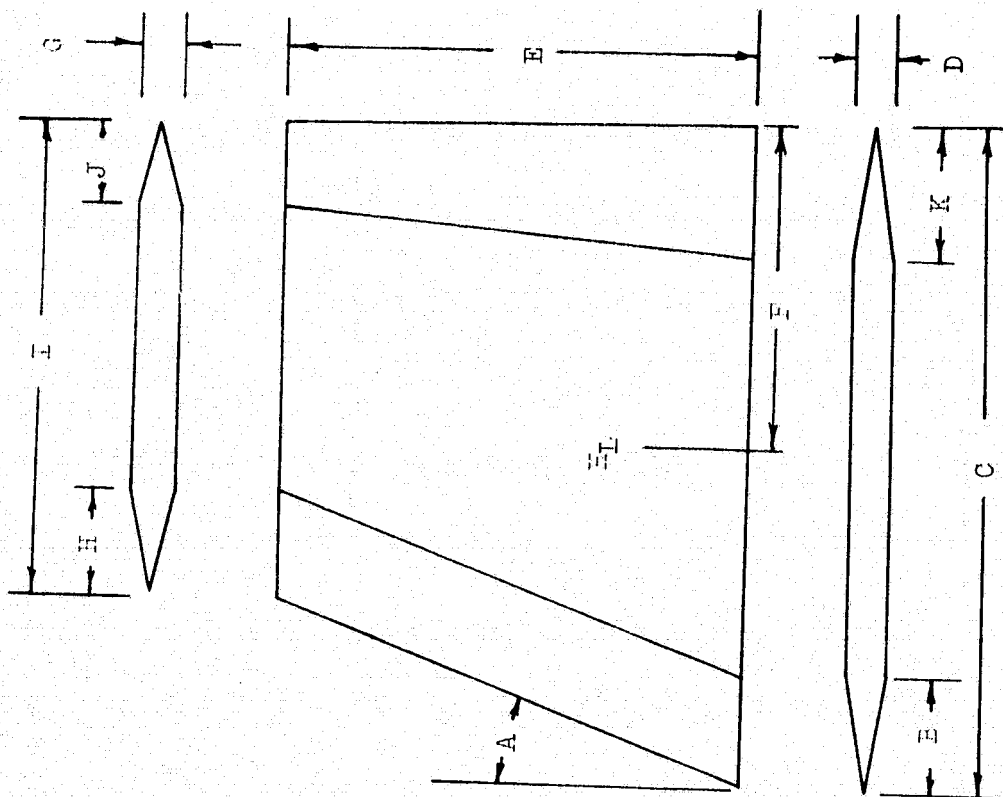
(a) Basic model drawing

Figure 3. - Basic model and components



(b) Nose configuration

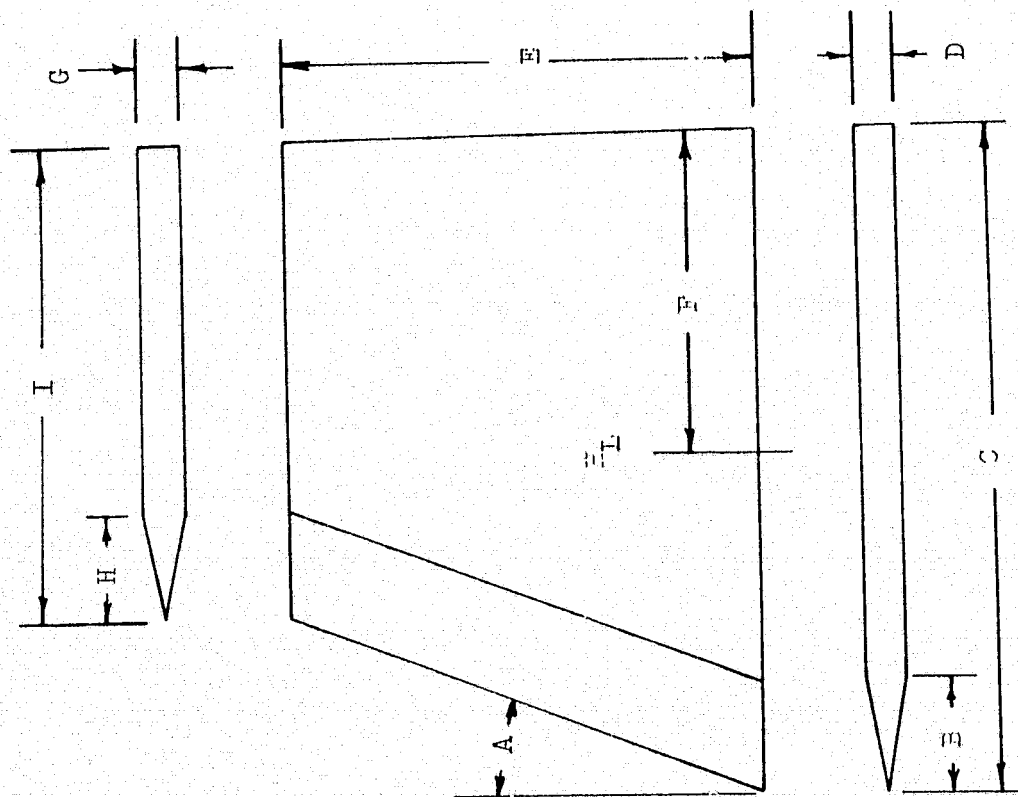
Figure 3. - Continued.



NOTE: SEE TABLE I FOR DIMENSIONS OF CONTROL PANELS

(c) Canard configurations

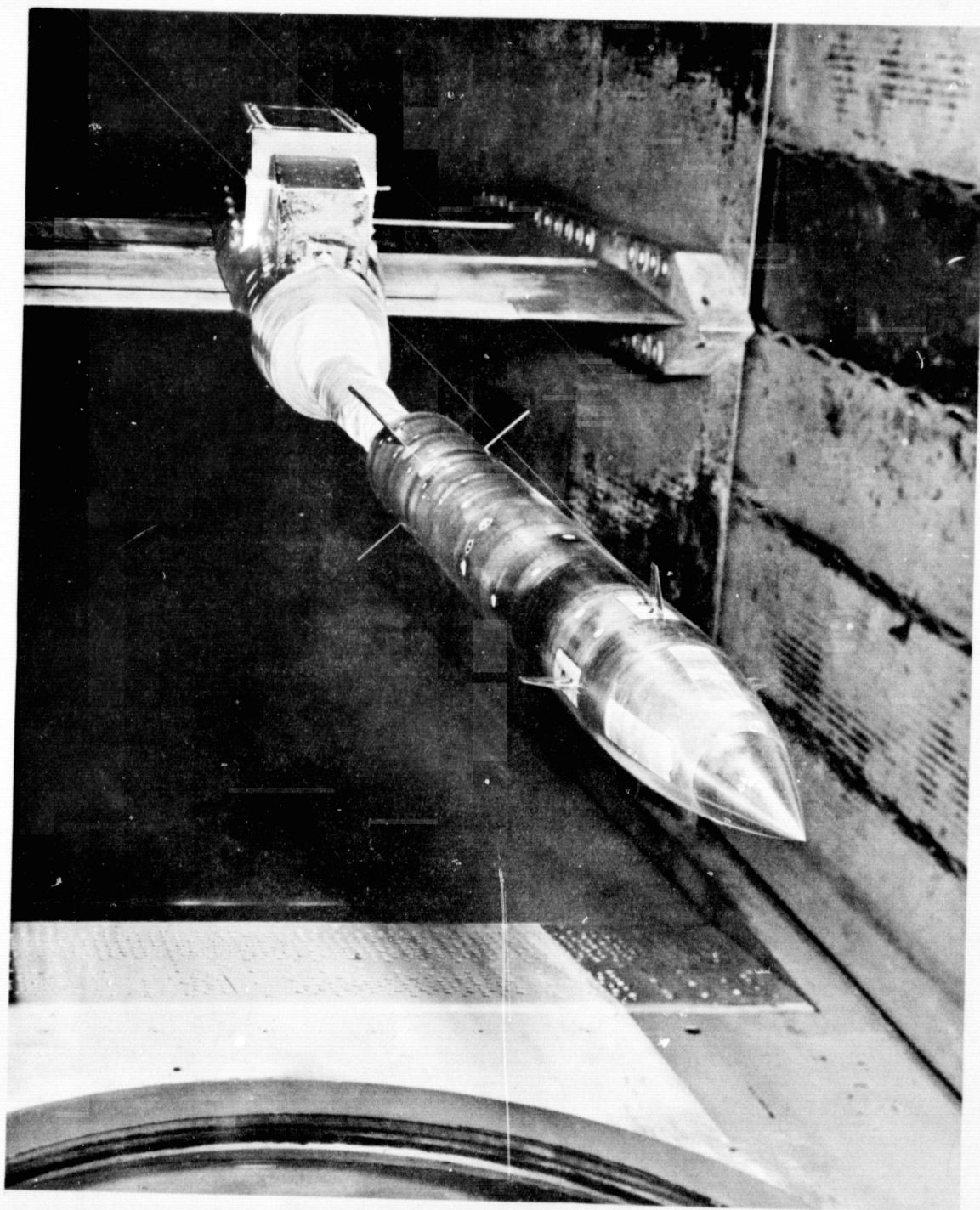
Figure 3. - Continued.



NOTE: SEE TABLE I FOR GEOMETRY OF CONTROL PANELS

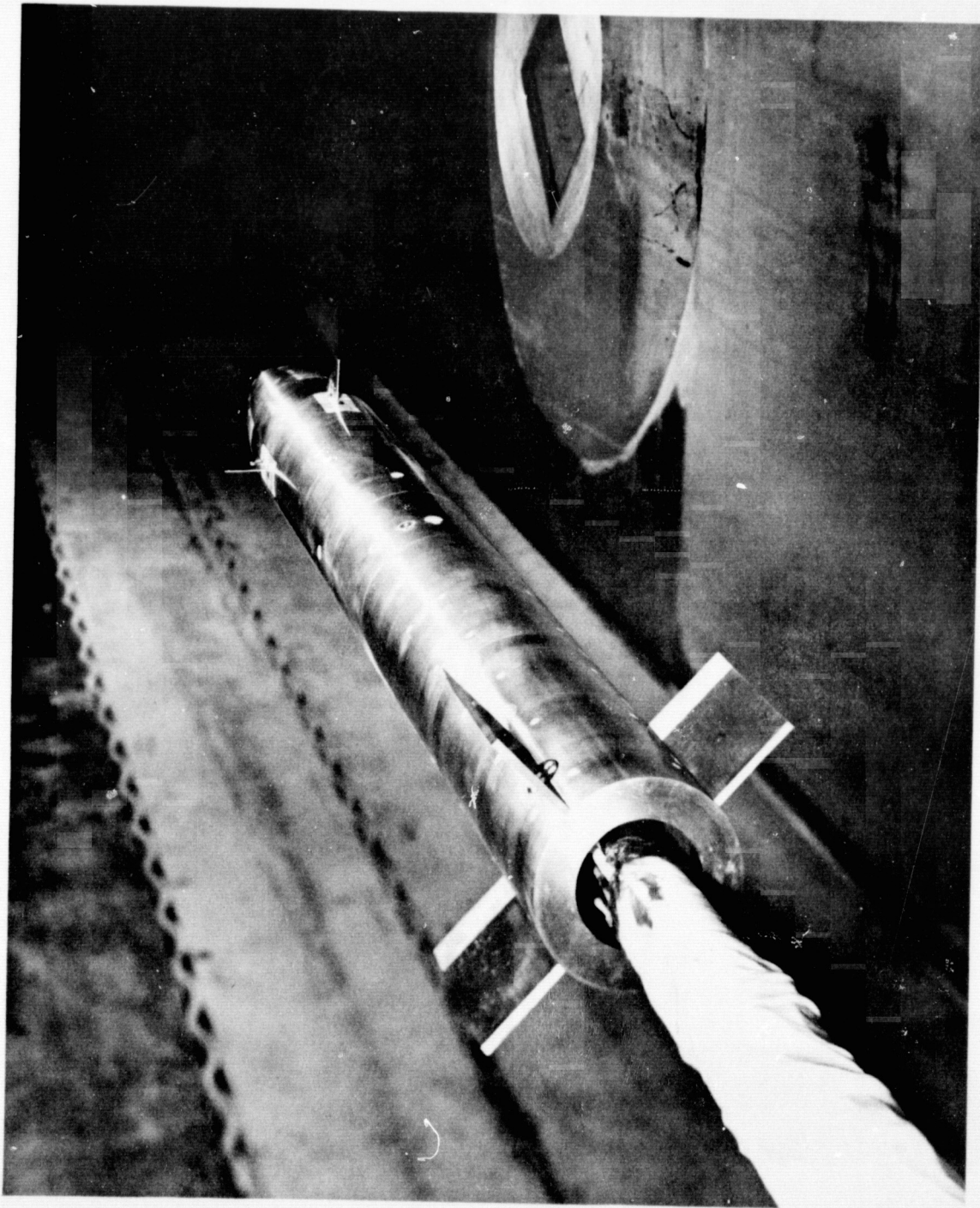
(d) Tail configuration

Figure 3. - Concluded.



(a) Three-quarter front view

Figure 4. - Model photographs.



(b) Three-quarter rear view

Figure 4. - Concluded.

Data Figures

(REZ002) CONFIGURATION 1 (BN2)

SYMBOL	MACH	BETA	PARAMETRIC VALUES
○	1.499		.000
□	1.998		

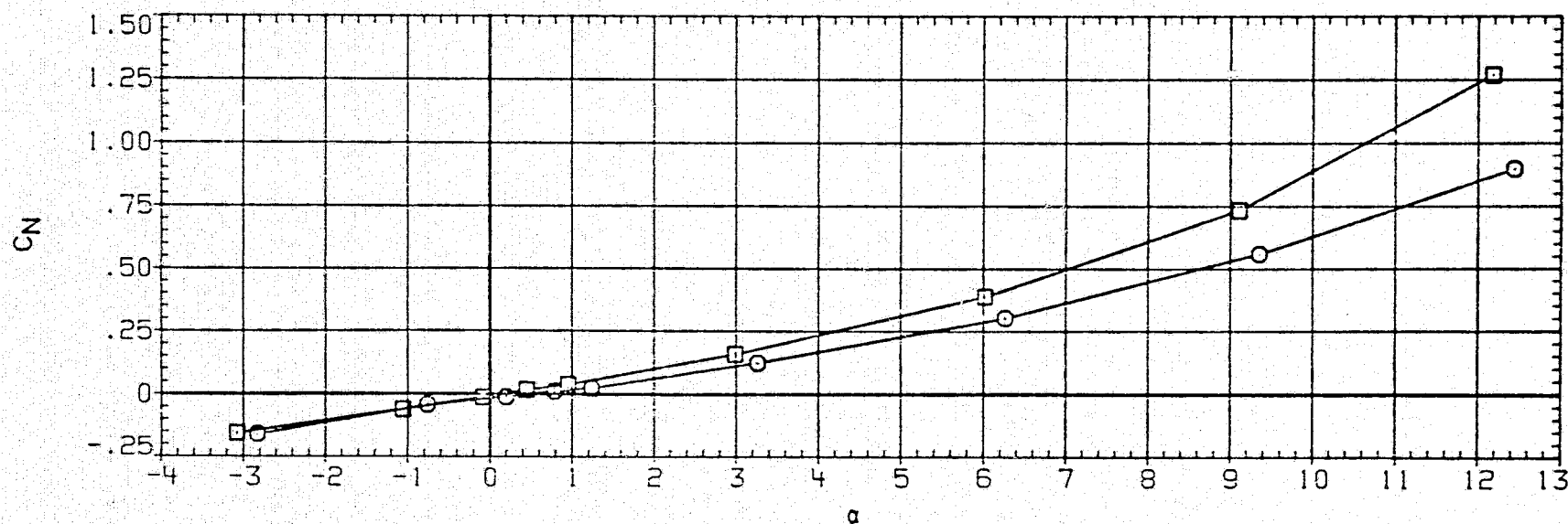
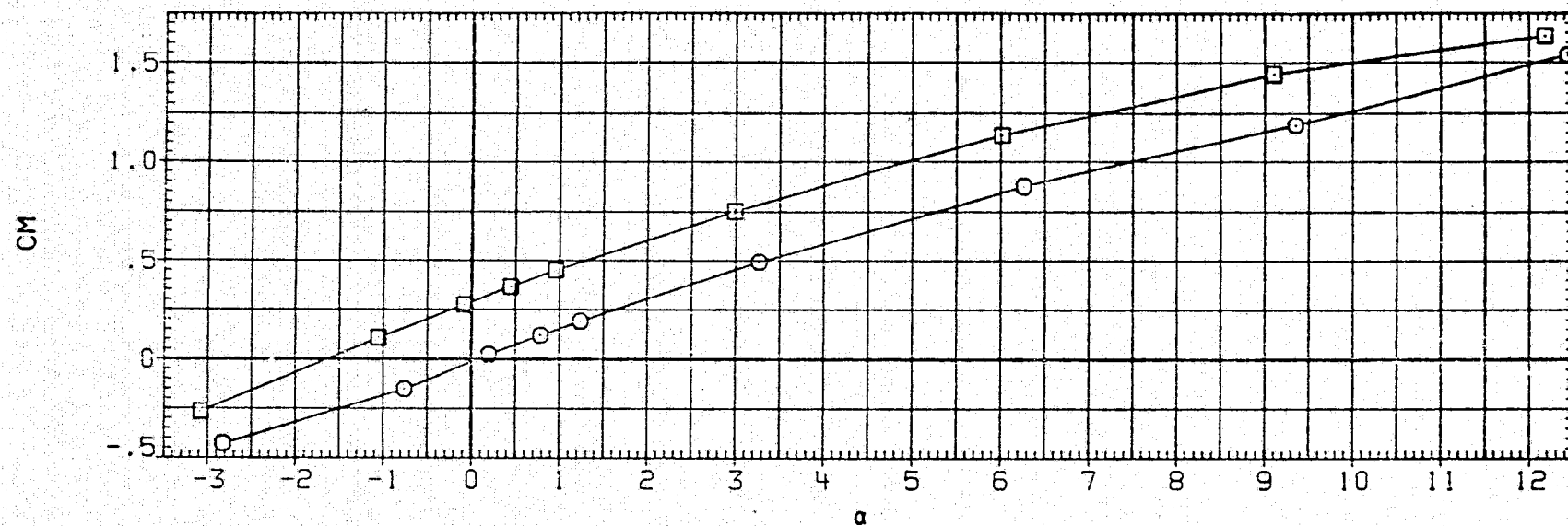


FIG. 5 BODY-ALONE CHARACTERISTICS

(REZ002) CONFIGURATION 1 (BN2)

SYMBOL	MACH	BETA	PARAMETRIC VALUES
○	1.499		
□	1.998		

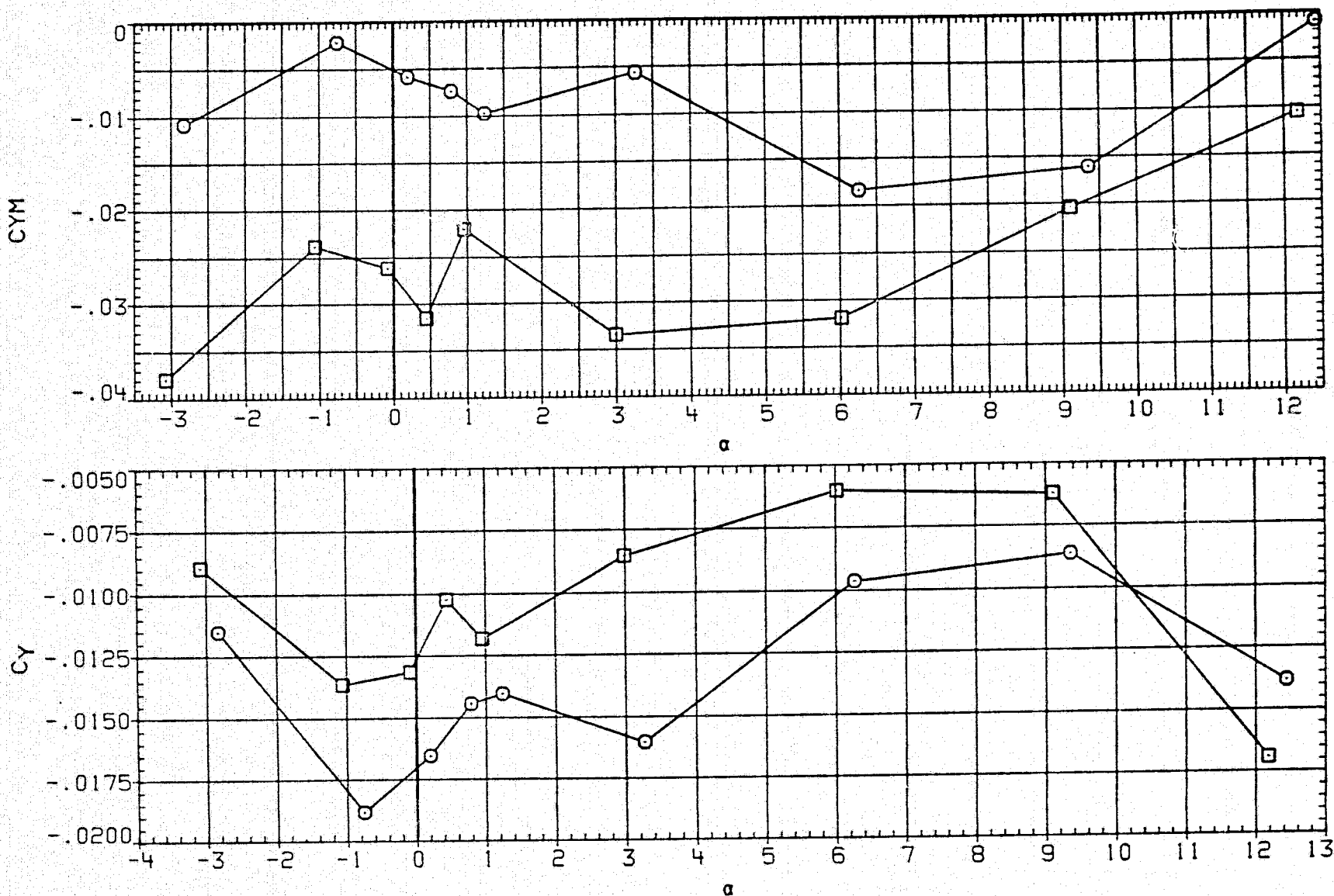


FIG. 5 BODY-ALONE CHARACTERISTICS

(REZ002) CONFIGURATION 1 (BN2)

SYMBOL	MACH	BETA	PARAMETRIC VALUES
○	1.499		
□	1.998		

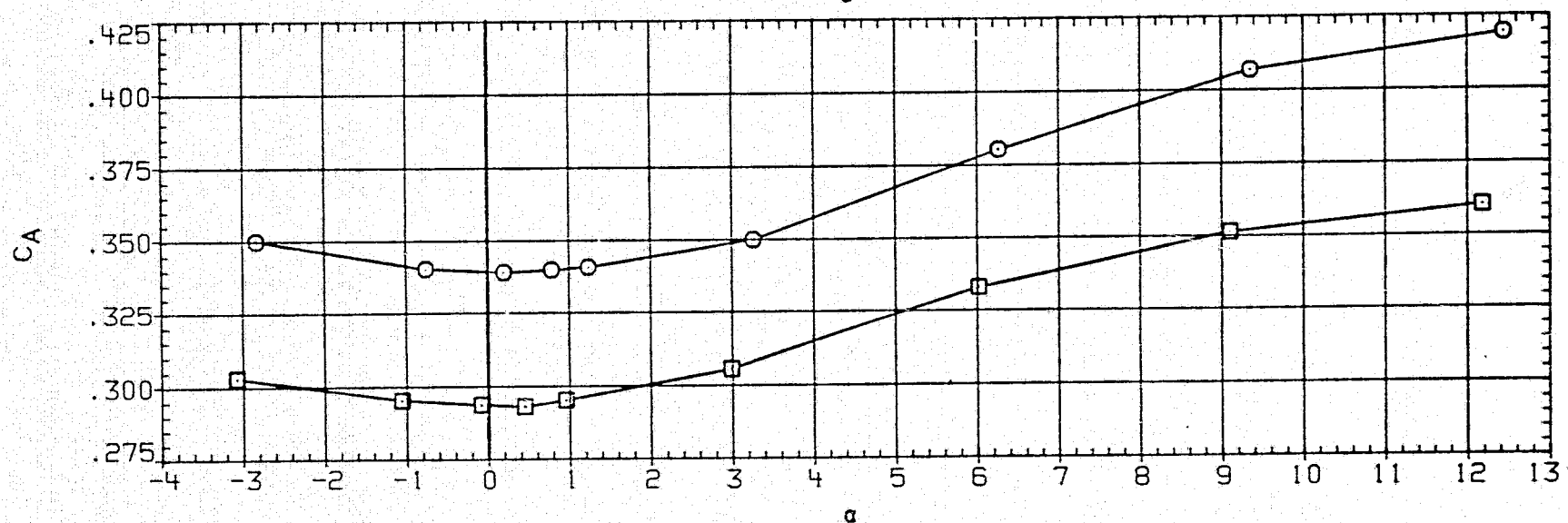
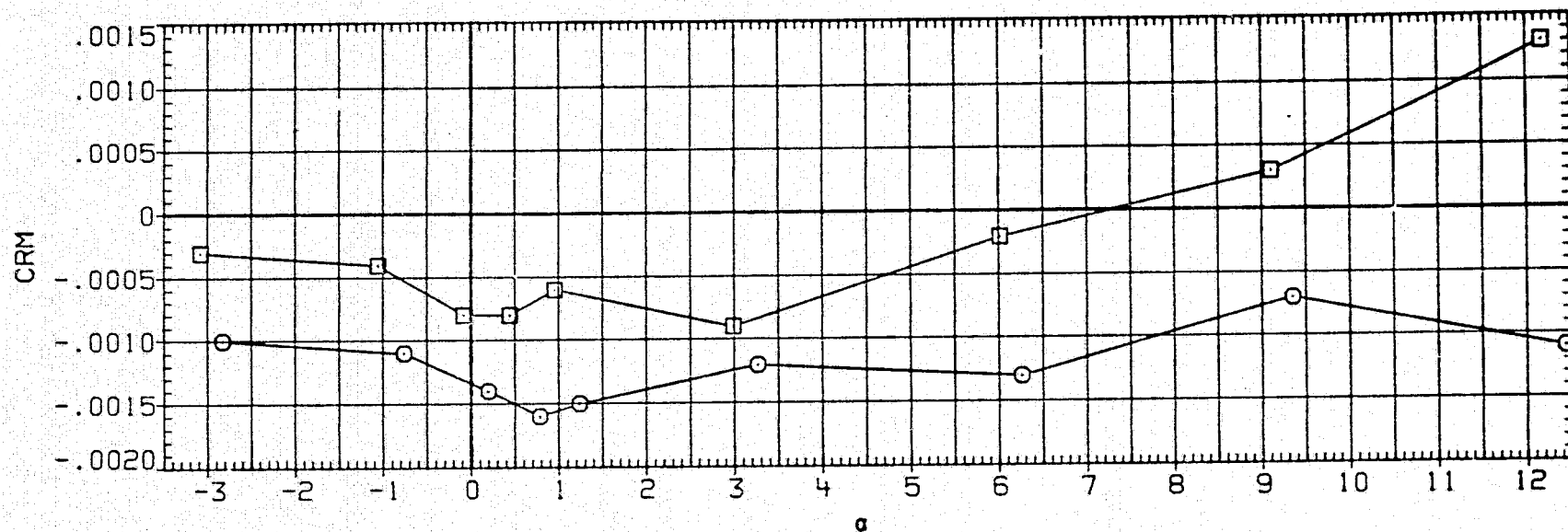


FIG. 5 BODY-ALONE CHARACTERISTICS

(BEZ008) CONFIGURATION 4 (BN2T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.500	BETA	.000
□	CNB	PHI-C	.000	PHI-T	.000
◇	CM				
△	CMB				

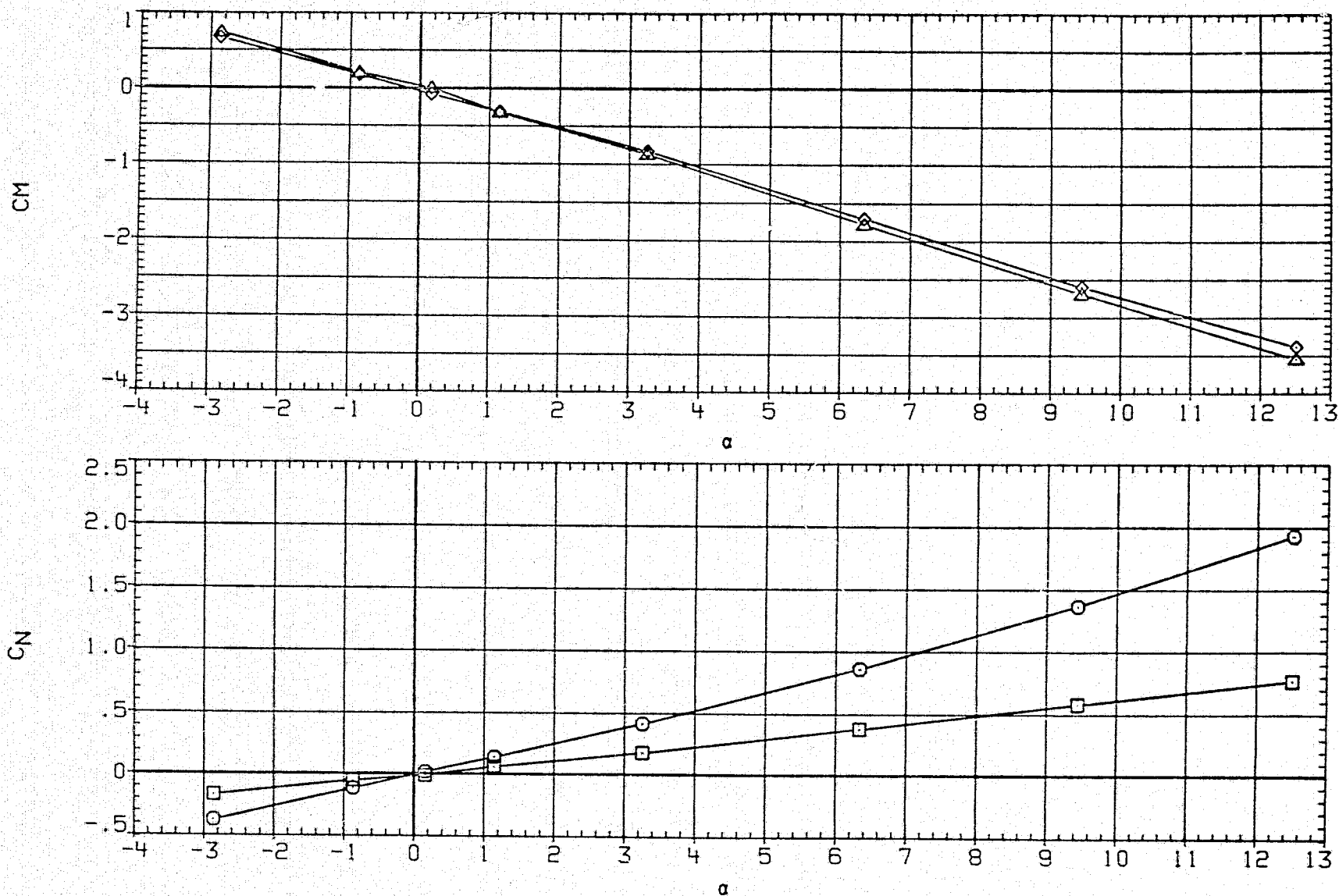


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ008) CONFIGURATION 4 (BN2T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.996	BETA	.000
◇	CNB	PHI-C	.000	PHI-T	.000
△	CM				
△	CMB				

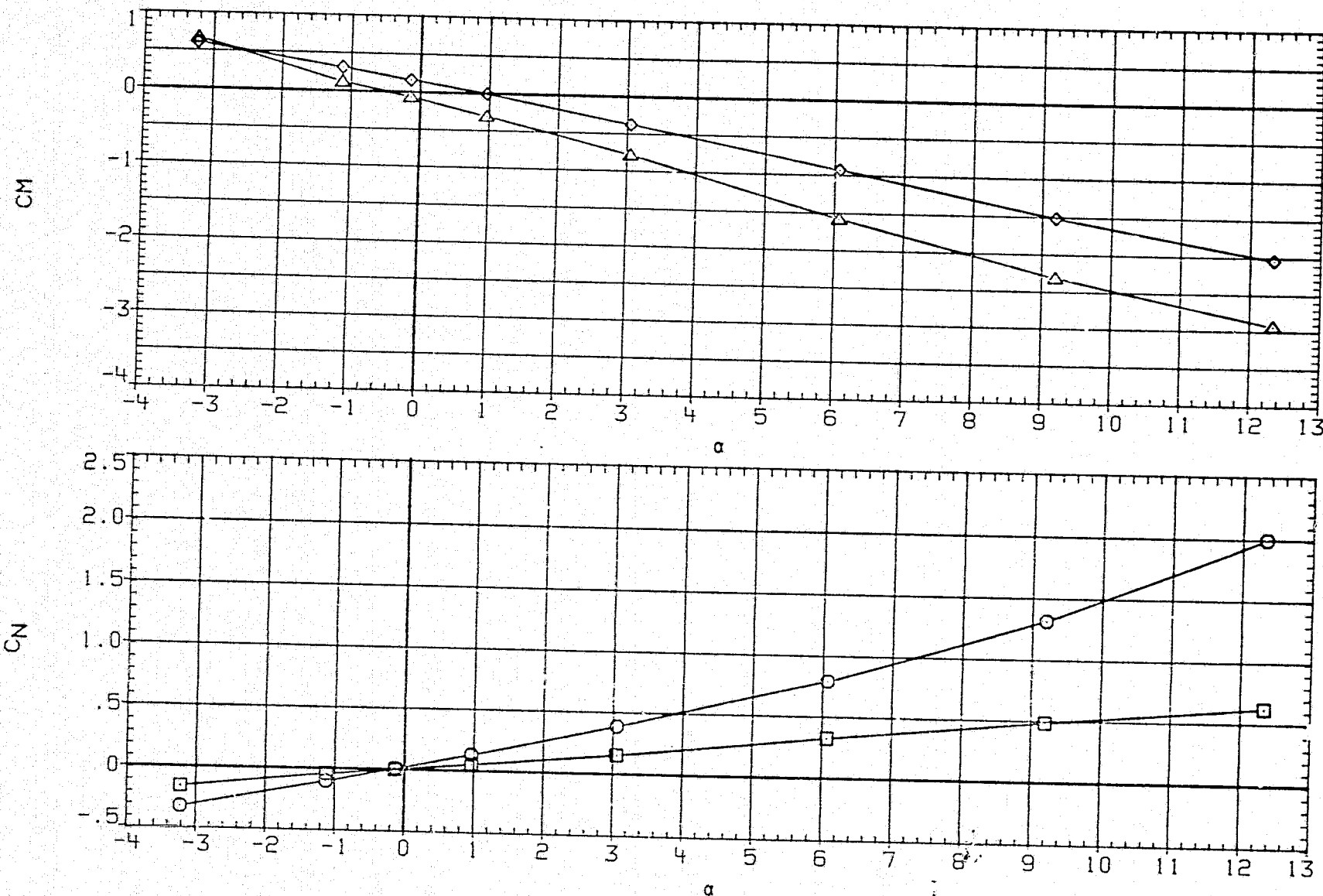


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ008) CONFIGURATION 4 (BN2T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CY	MACH	1.500	BETA	.000
□	CYB	PHI-C	.000	PHI-T	.000
◇	CYM				
△	CYMB				

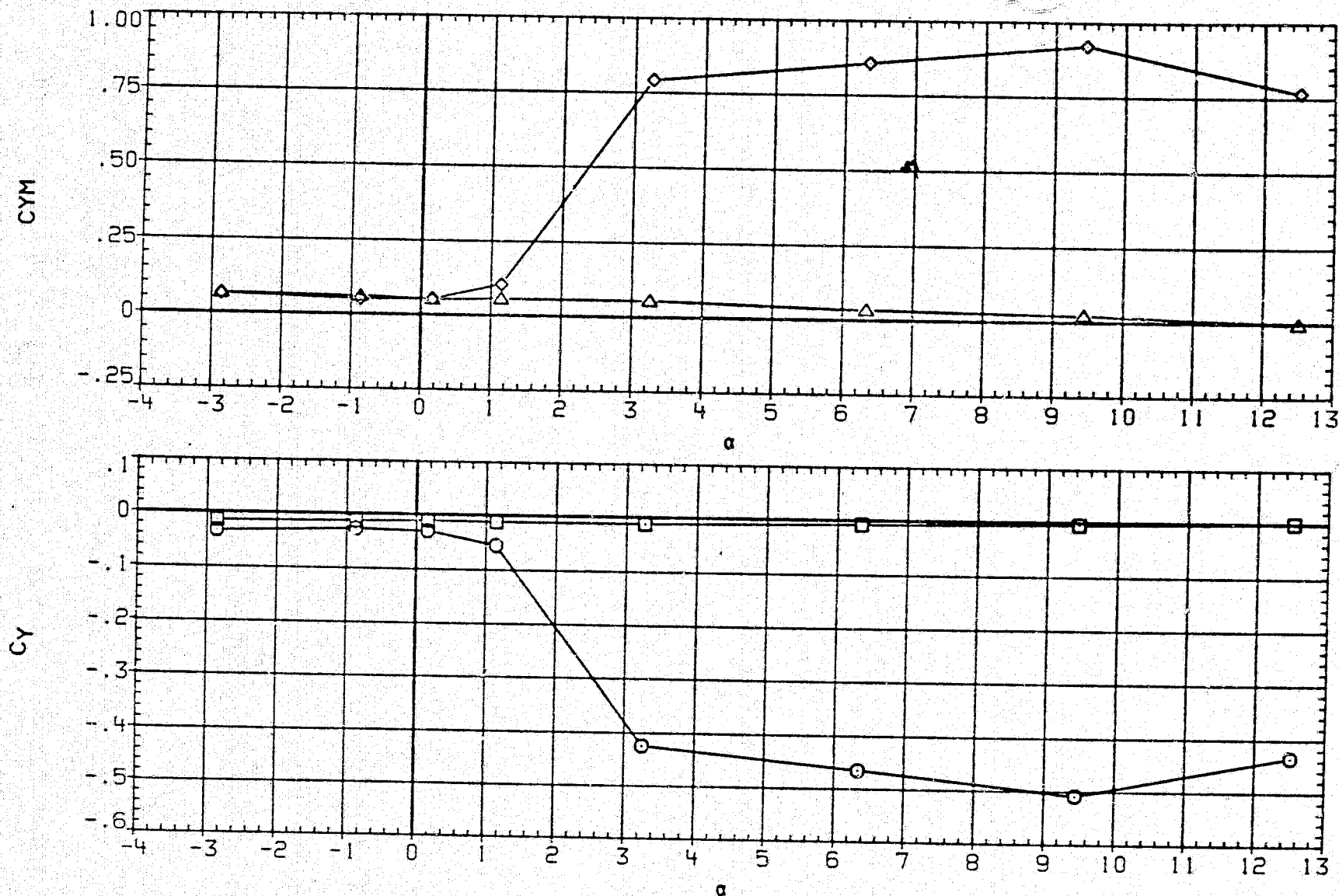


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ008) CONFIGURATION 4 (BN2T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CY	MACH	1.996	BETA	.000
□	CYB	PHI-C	.000	PHI-T	.000
◇	CYM				
△	CYMB				

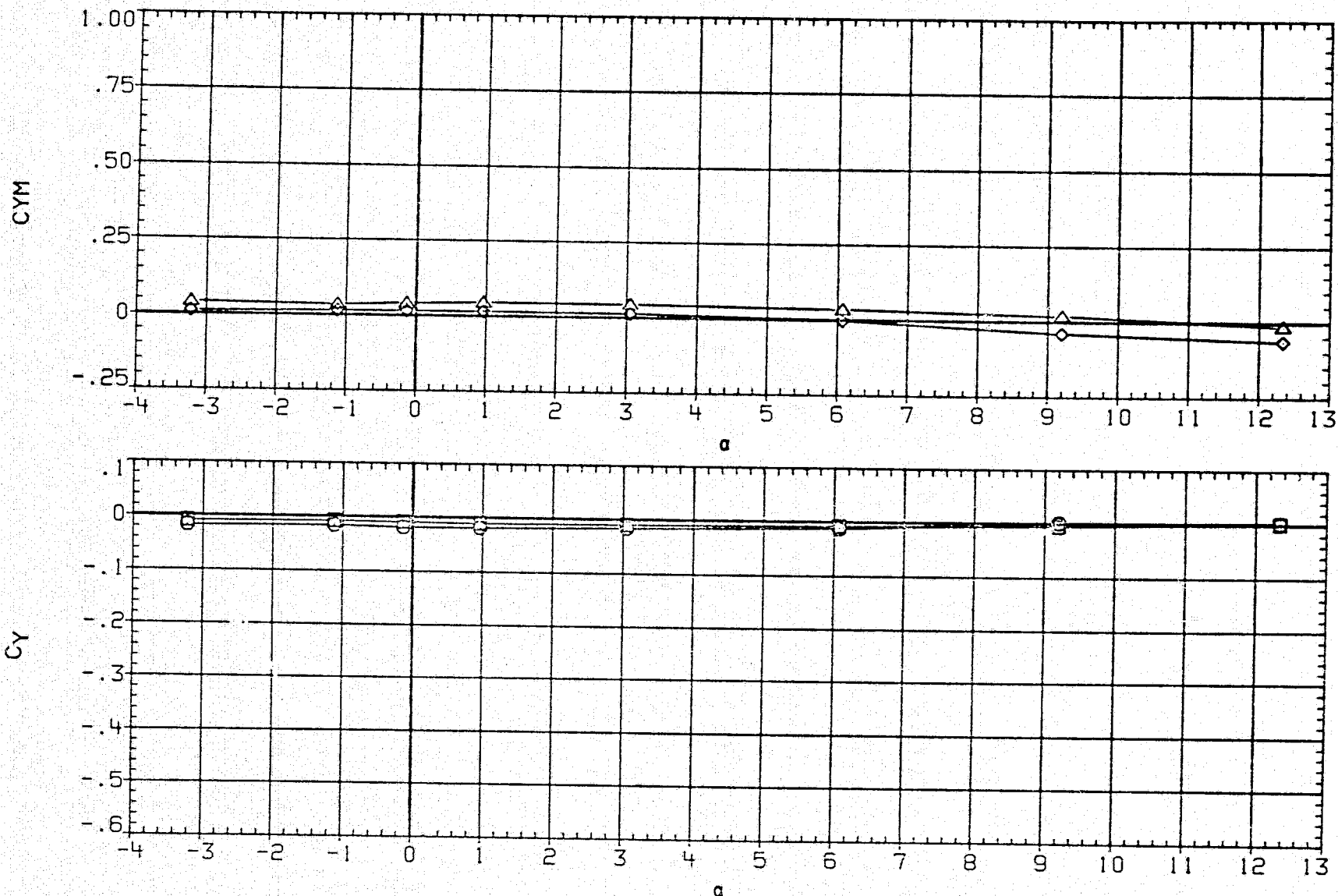


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ008) CONFIGURATION 4 (BN2T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.500
□	CRM8	SETA .000
◇	CA	PHI-C .000
		PHI-T .000

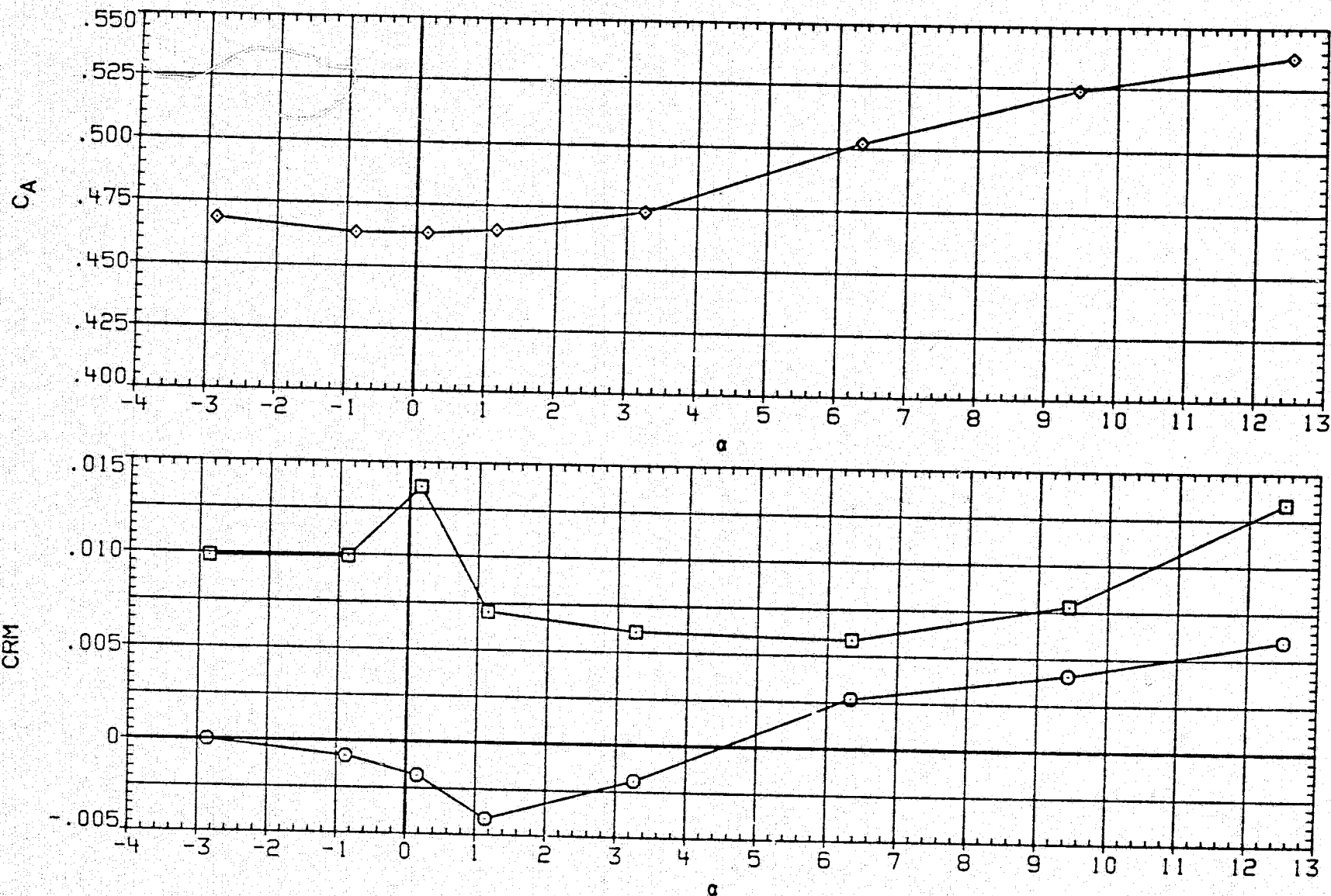


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ008) CONFIGURATION 4 (BN2T1)

SYMBOL	DATA	PARAMETRIC VALUES		
□	CRM	MACH	1.996	BETA
◇	CRM	PHI-C	.000	PHI-T
	CA			.000

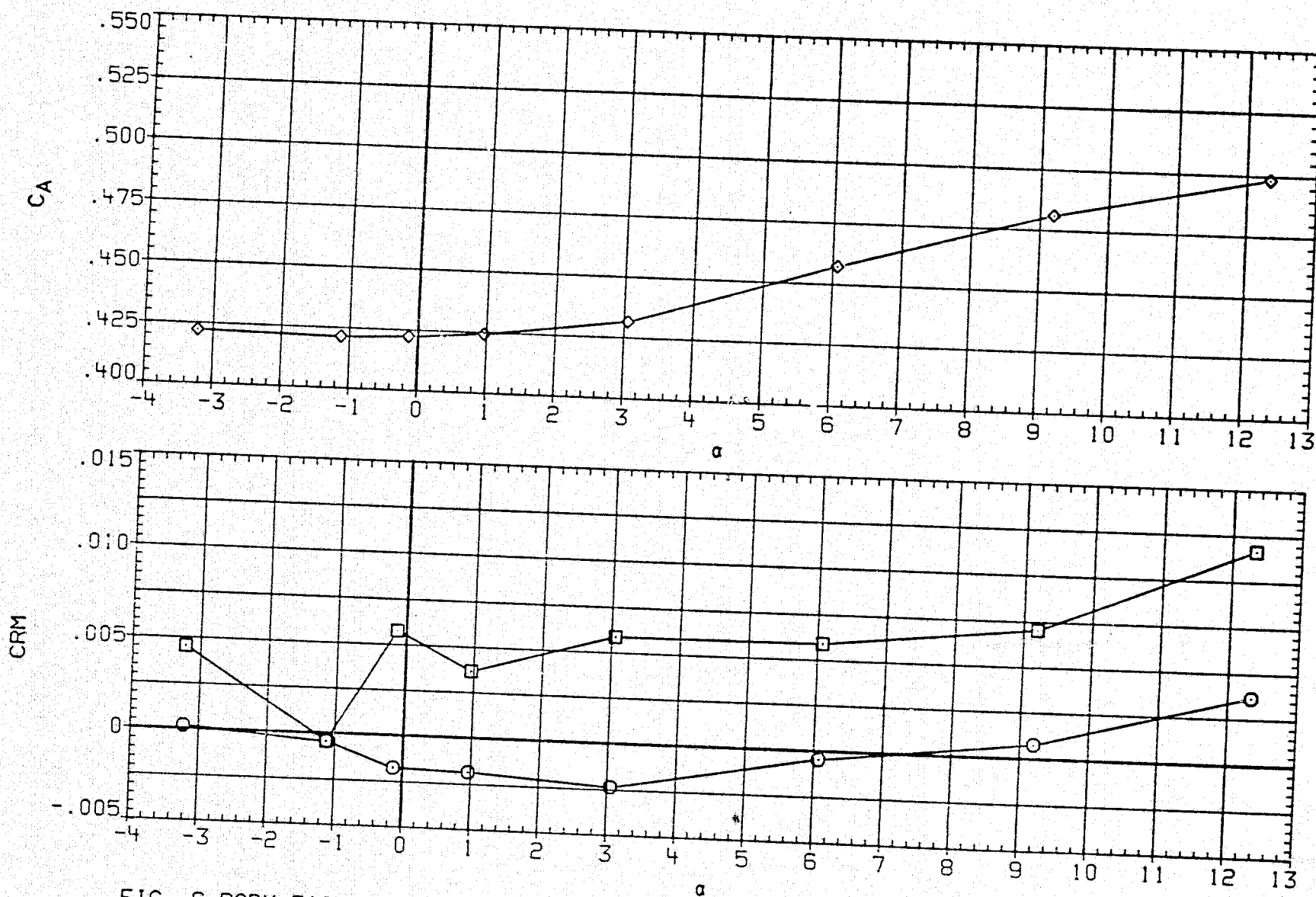


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ114) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CN	1.502	D1	.000	.000
□	CN9	.000	D2	D3	.000
◇	CM	-3.000	D1-3	D4	-3.000
△	CM9	.000	PHI-C	D2-4	-3.000

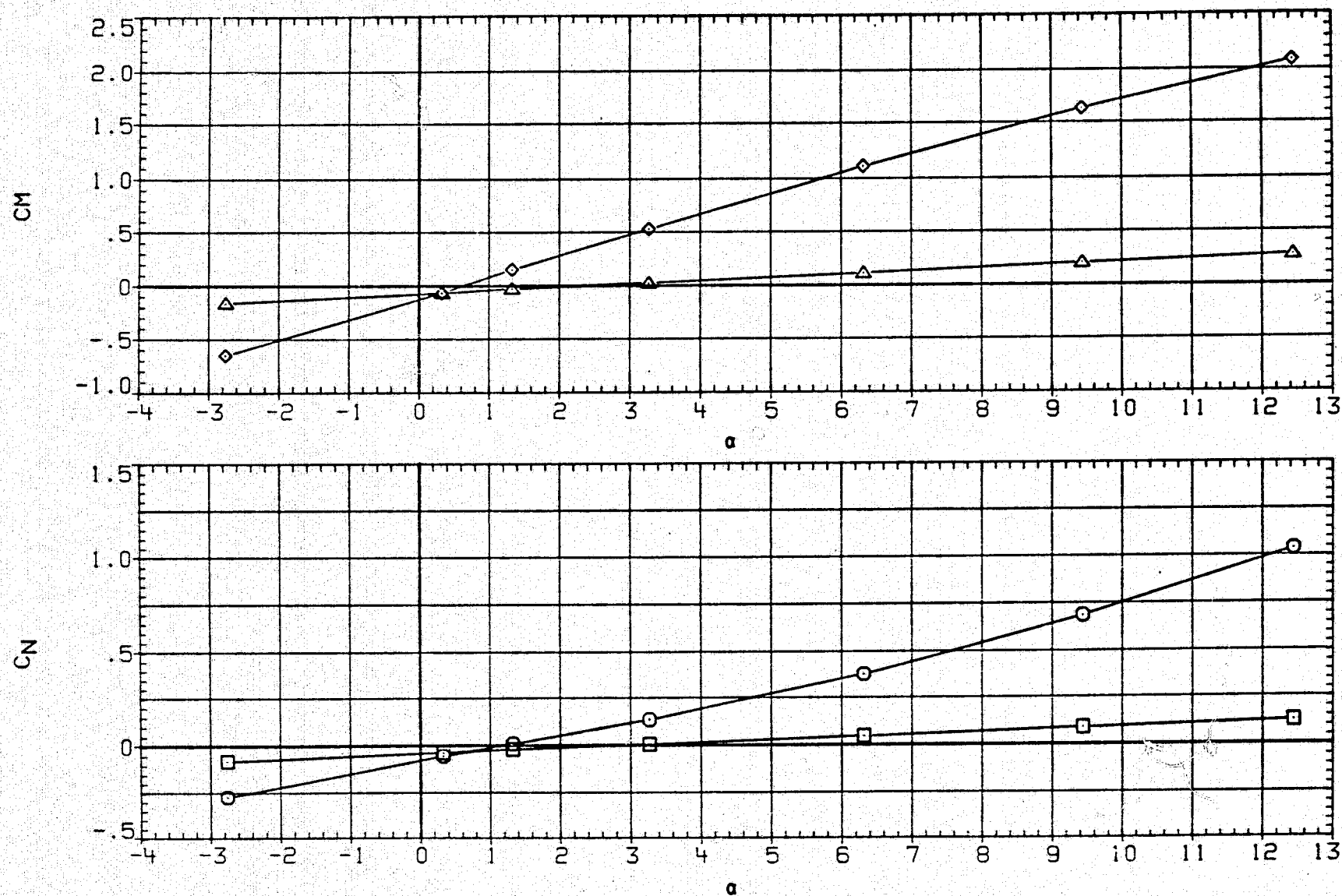


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ114) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.997 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 -3.000 D4 -3.000
△	CMB	D1-3 .000 D2-4 -3.000
		PHI-C .000

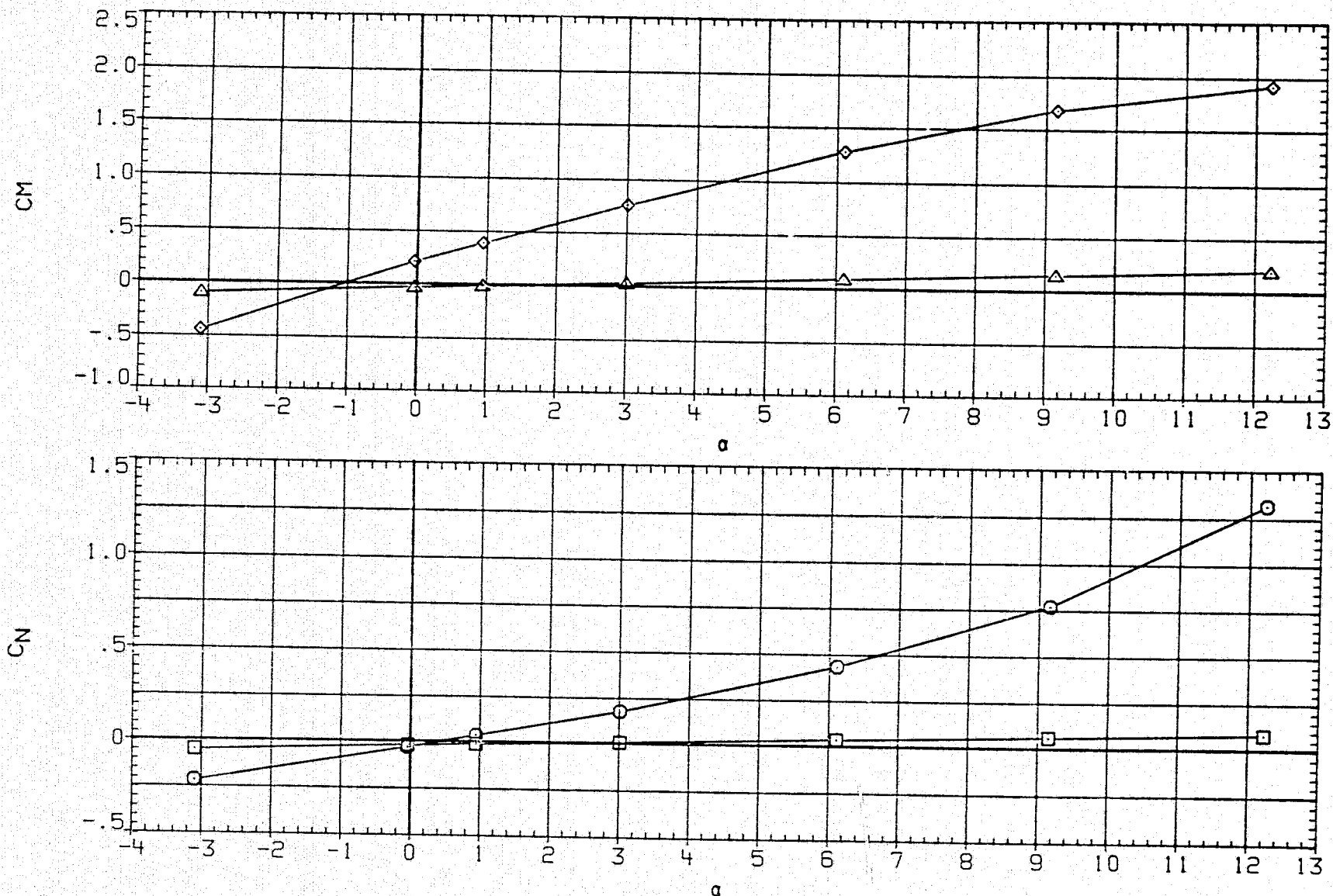


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ114) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CY	MACH	1.502	BETA	.000
□	CYB	D1	.000	D3	.000
◇	CYM	D2	-3.000	D4	-3.000
△	CYMB	D1-3	.000	D2-4	-3.000
		PHI-C	.000		

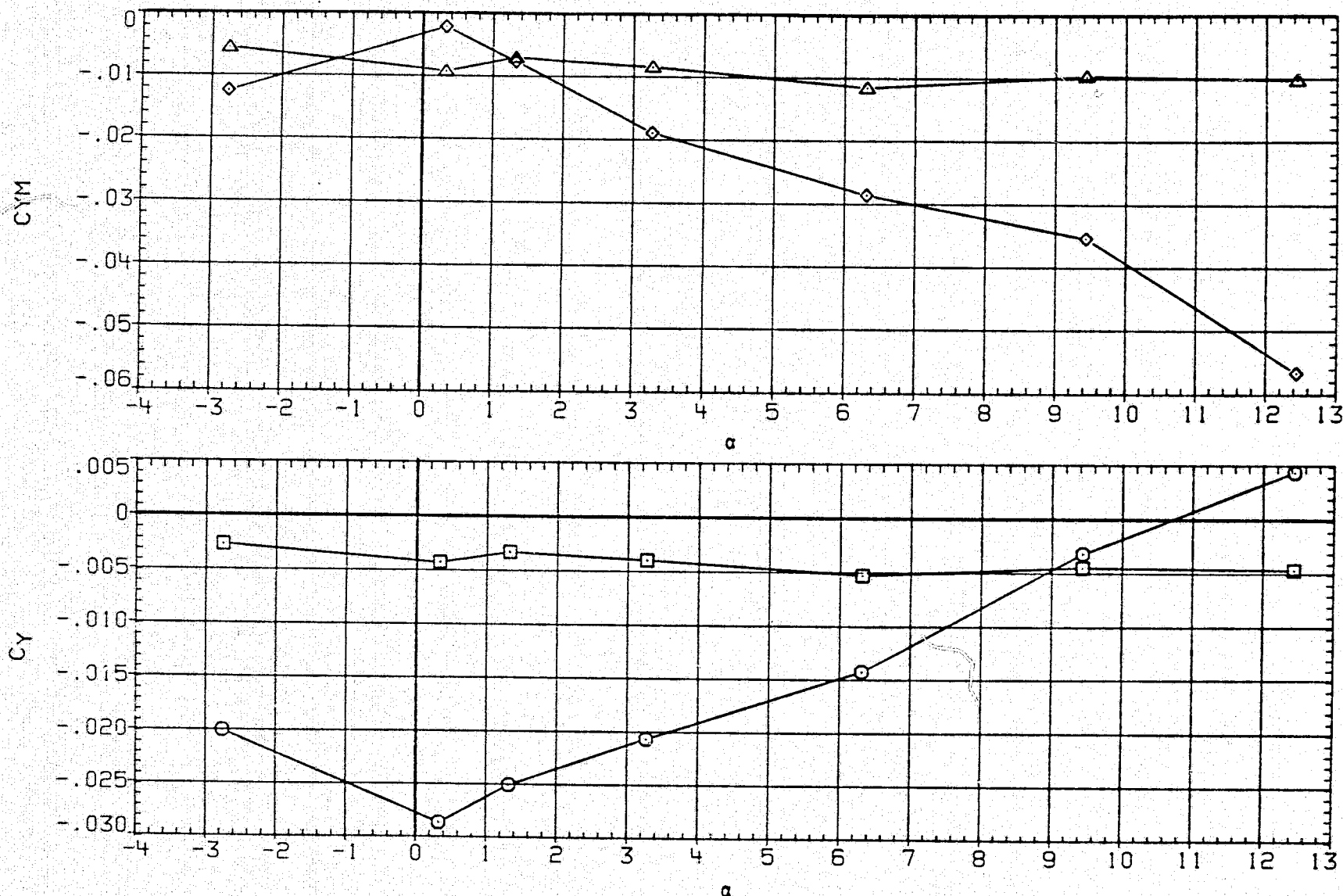


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ114) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.997 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 -3.000 D4 -3.000
△	CYMB	D1-3 .000 D2-4 -3.000
		PHI-C .000

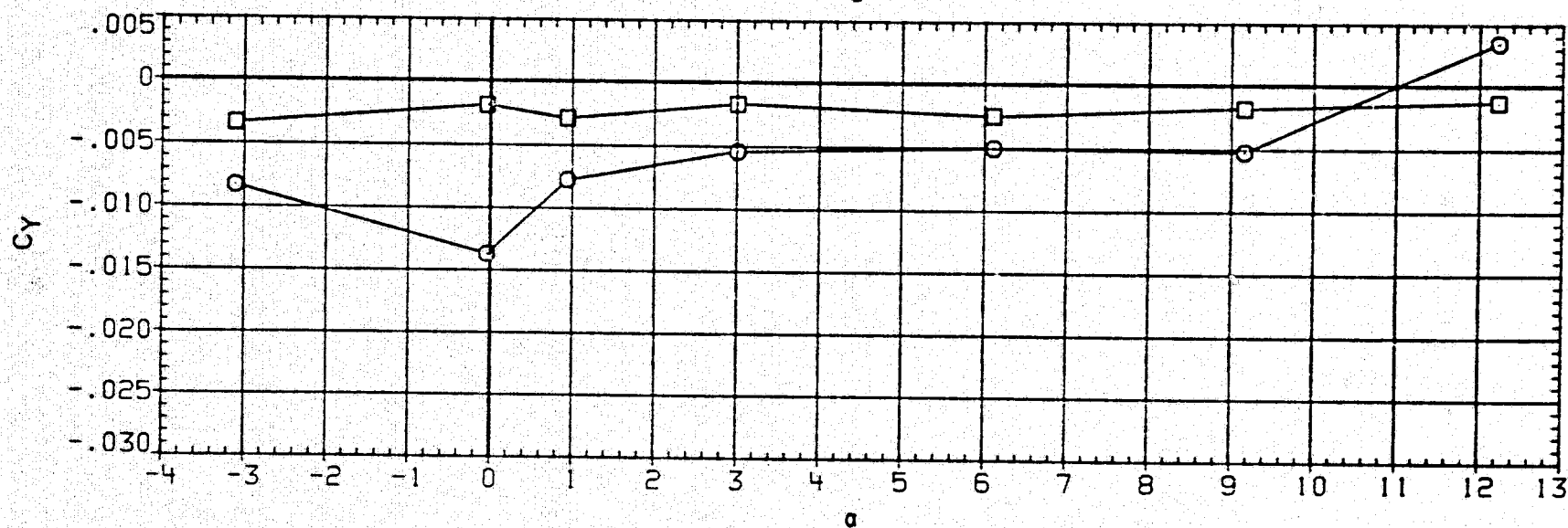
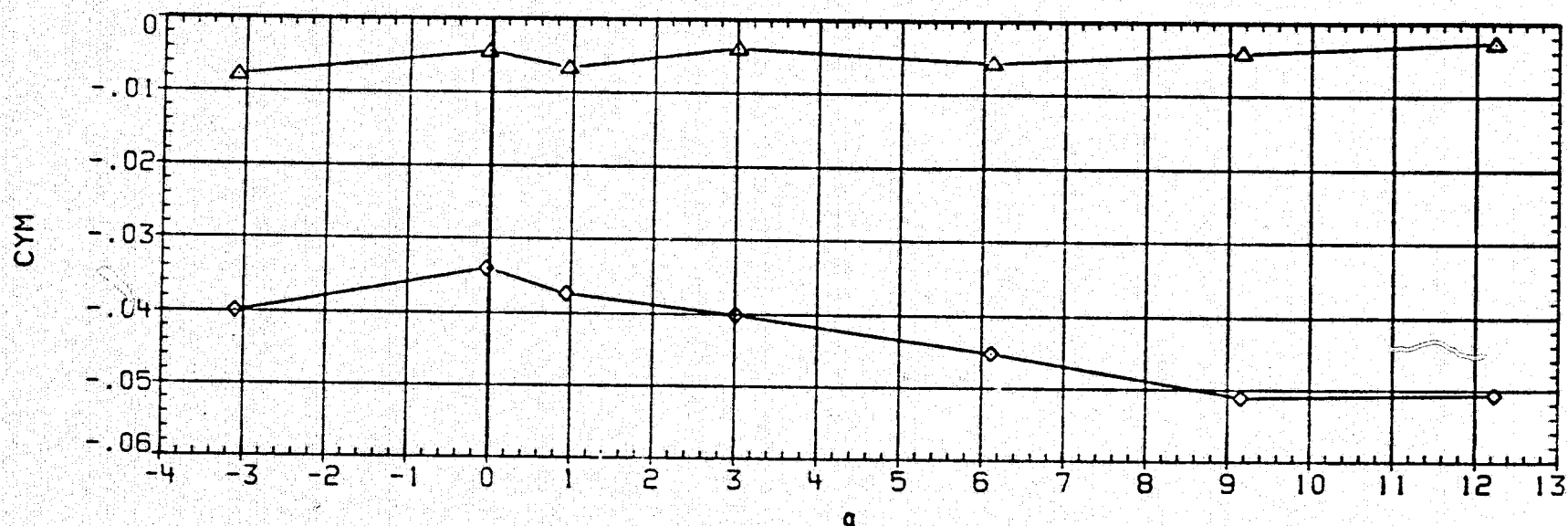


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ114) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.502 BETA .000
□	CRM8	D1 .000 D3 .000
◇	CA	D2 -3.000 D4 -3.000
		D1-3 .000 D2-4 -3.000
		PHI-C .000

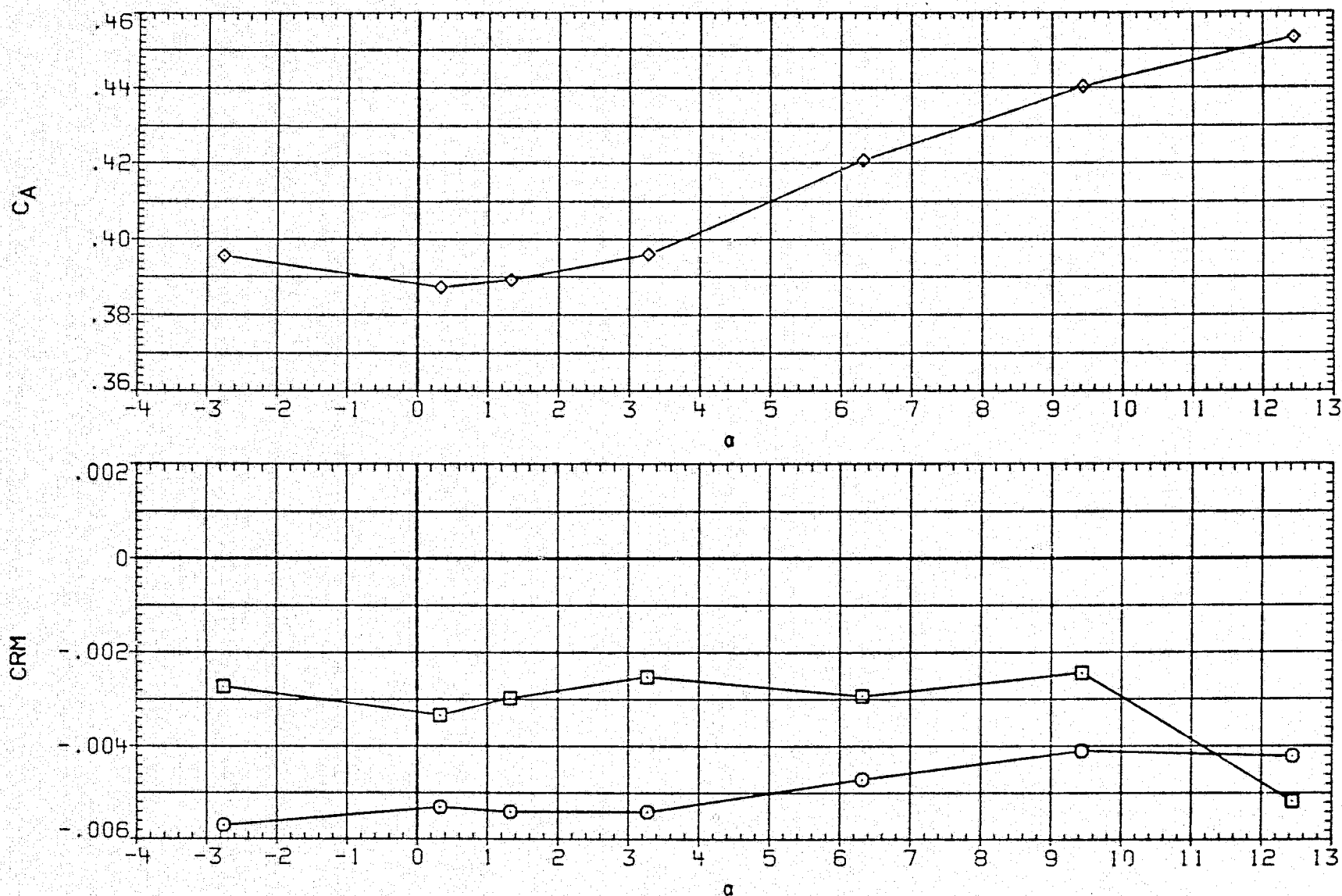


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ114) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.997 BETA .000
□	CRMB	D1 .000 D3 .000
◇	CA	D2 -3.000 D4 -3.000
		D1-3 .000 D2-4 -3.000
		PHI-C .000

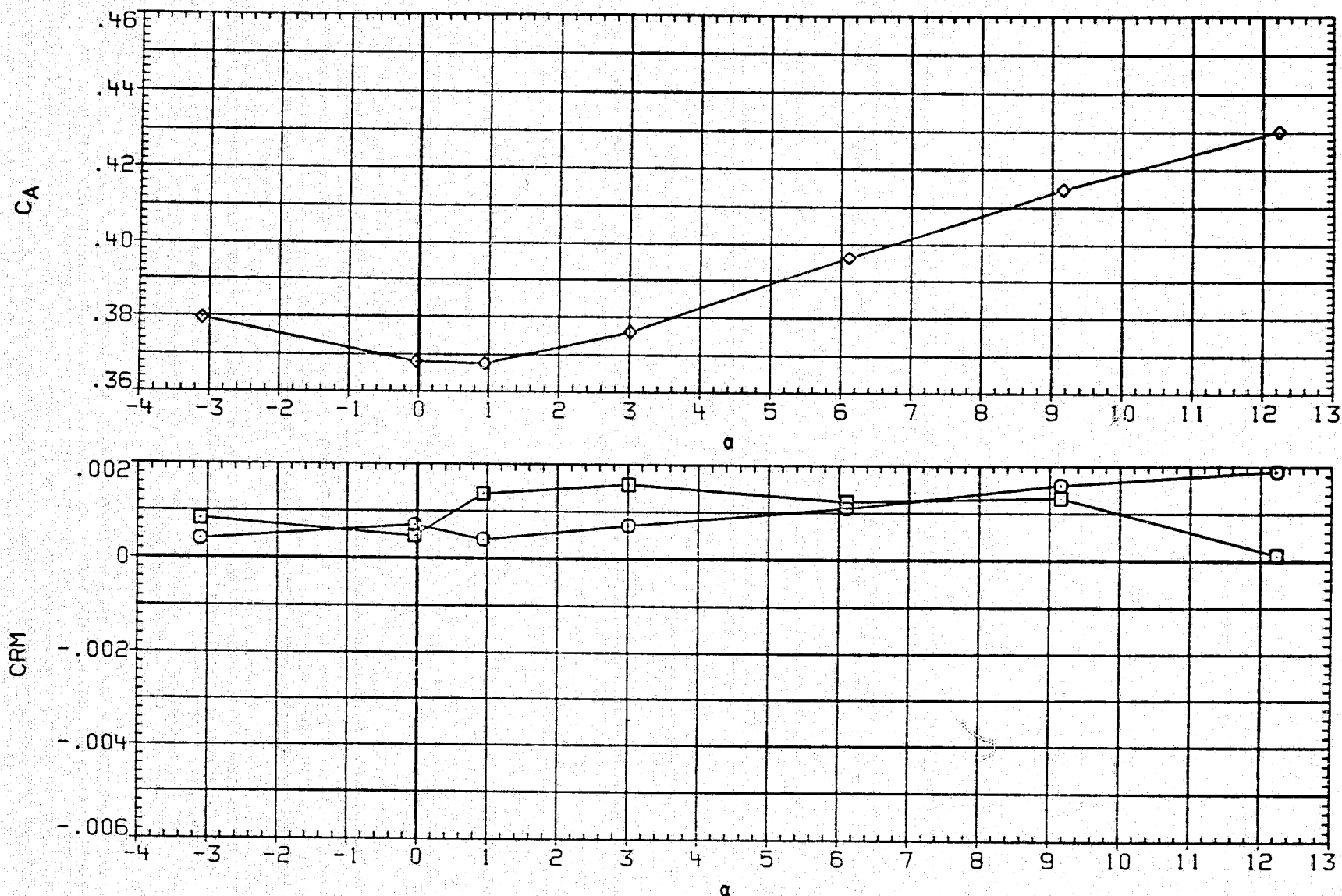


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ115) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.499 BETA .000
◇	CNB	D1 .000 D3 .000
□	CM	D2 .000 D4 .000
△	CMB	D1-3 .000 D2-4 .000
		PHI-C .000

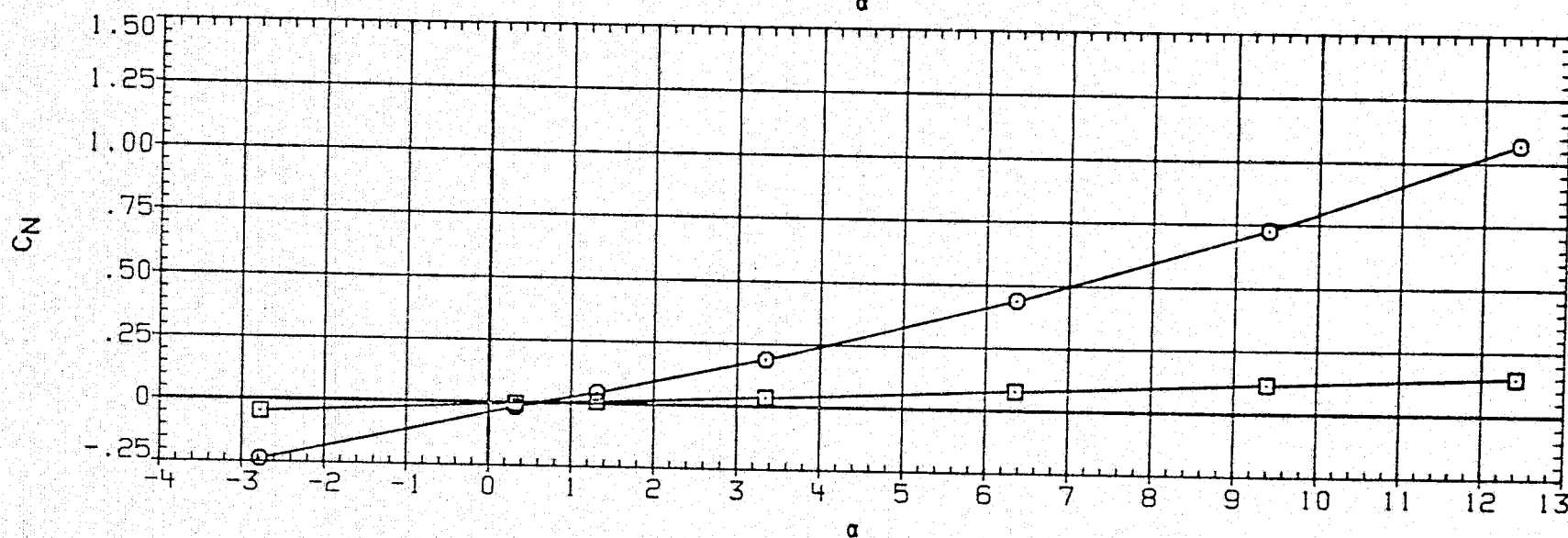
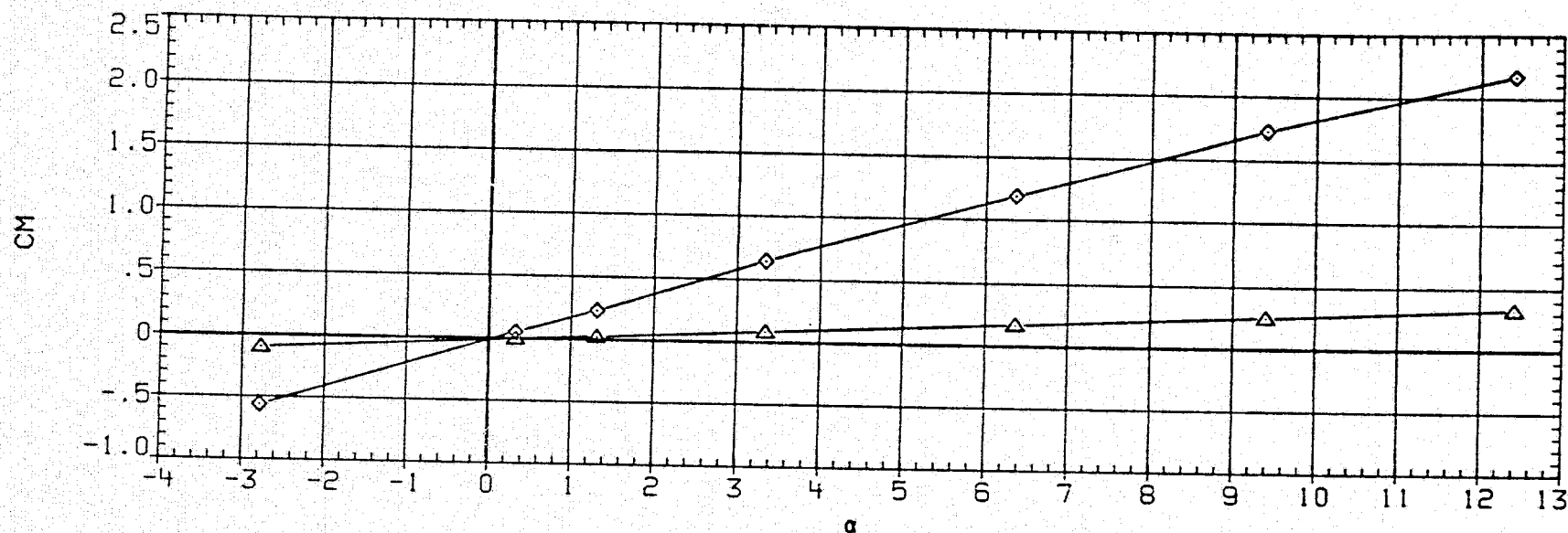


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ115) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA
○	CN	D1	1.991	.000
□	CNB	D2	.000	.000
◇	CM	D1-3	.000	.000
△	CMB	PHI-C	.000	.000
			.000	.000

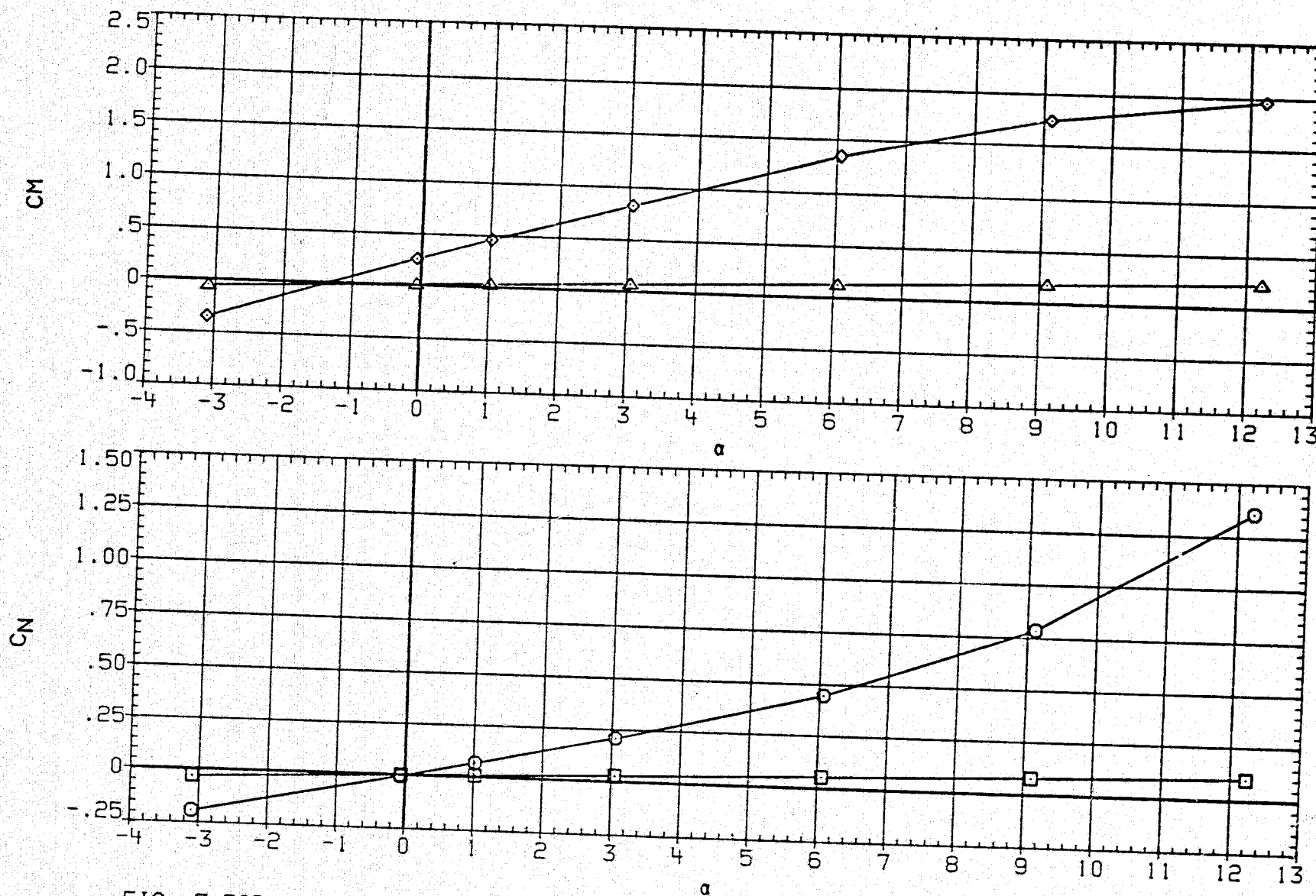


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ115) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.499 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 .000 D4 .000
△	CYMB	D1-3 .000 D2-4 .000
		PHI-C .000

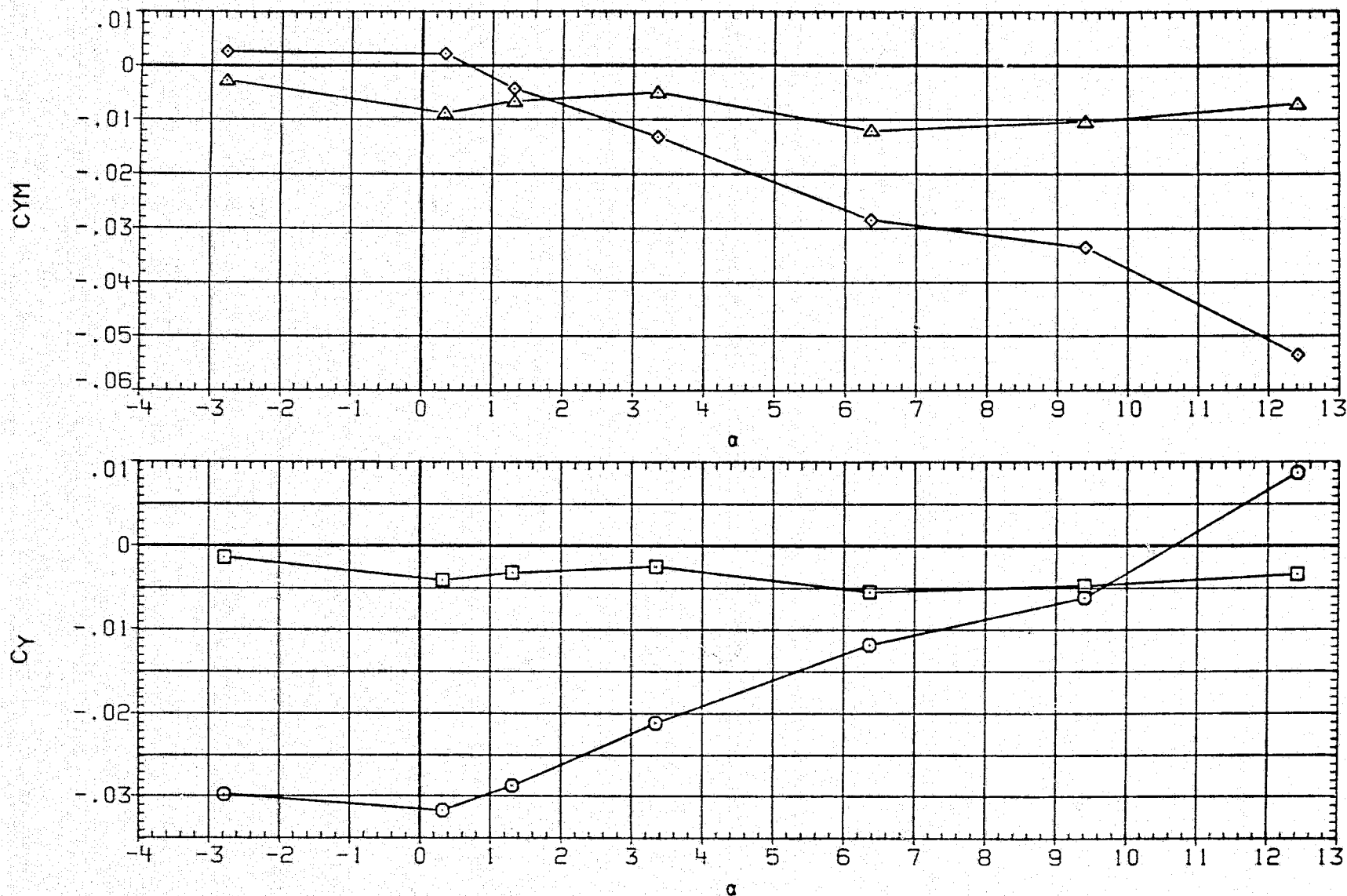


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ115) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.991 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 .000 D4 .000
△	CYMB	D1-3 .000 D2-4 .000
		PHI-C .000

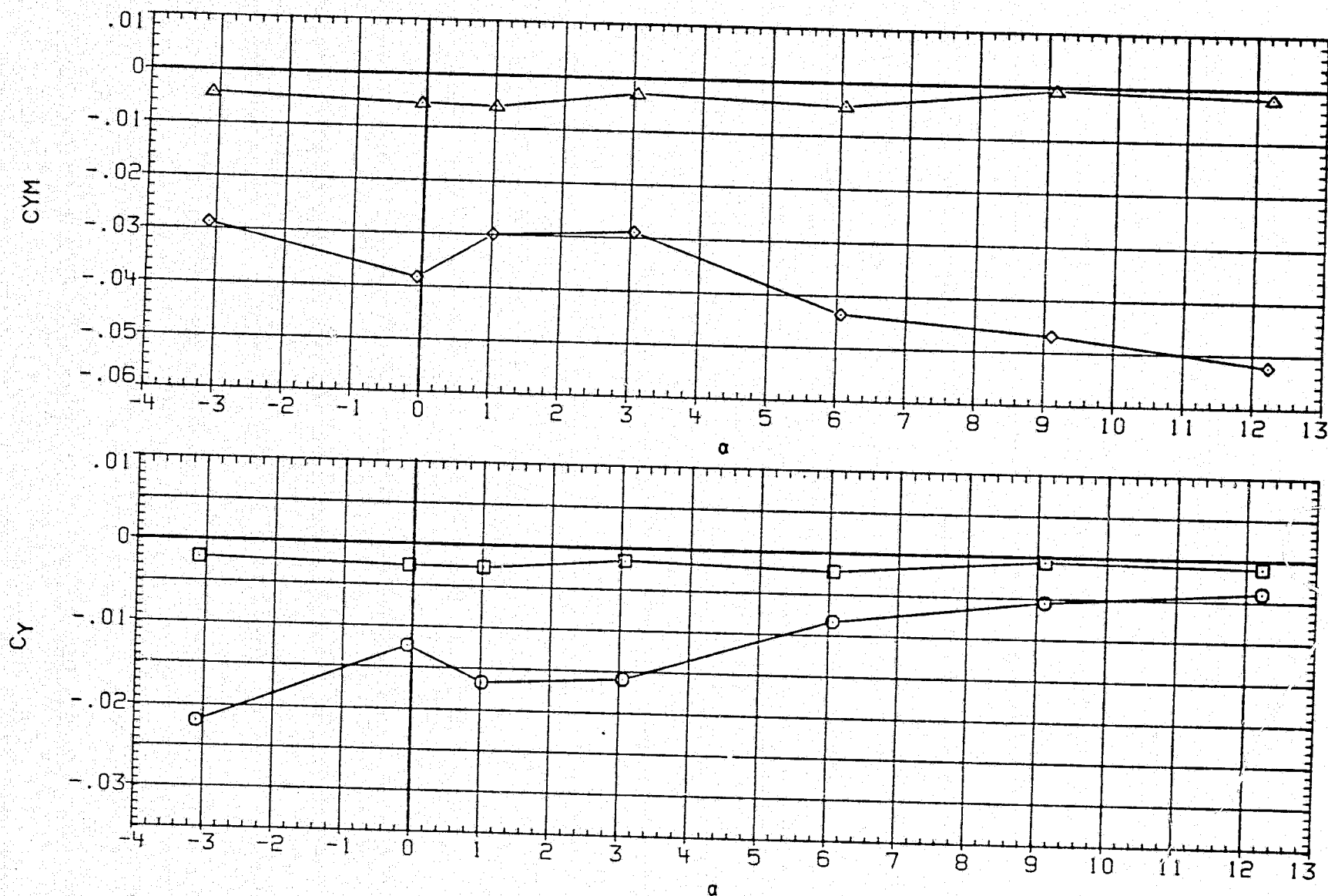


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ115) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CRM	1.499	BETA .000
□	CRM2	.000	D3 .000
◇	CA	.000	D4 .000
		D1-3 .000	D2-4 .000
		PHI-C .000	

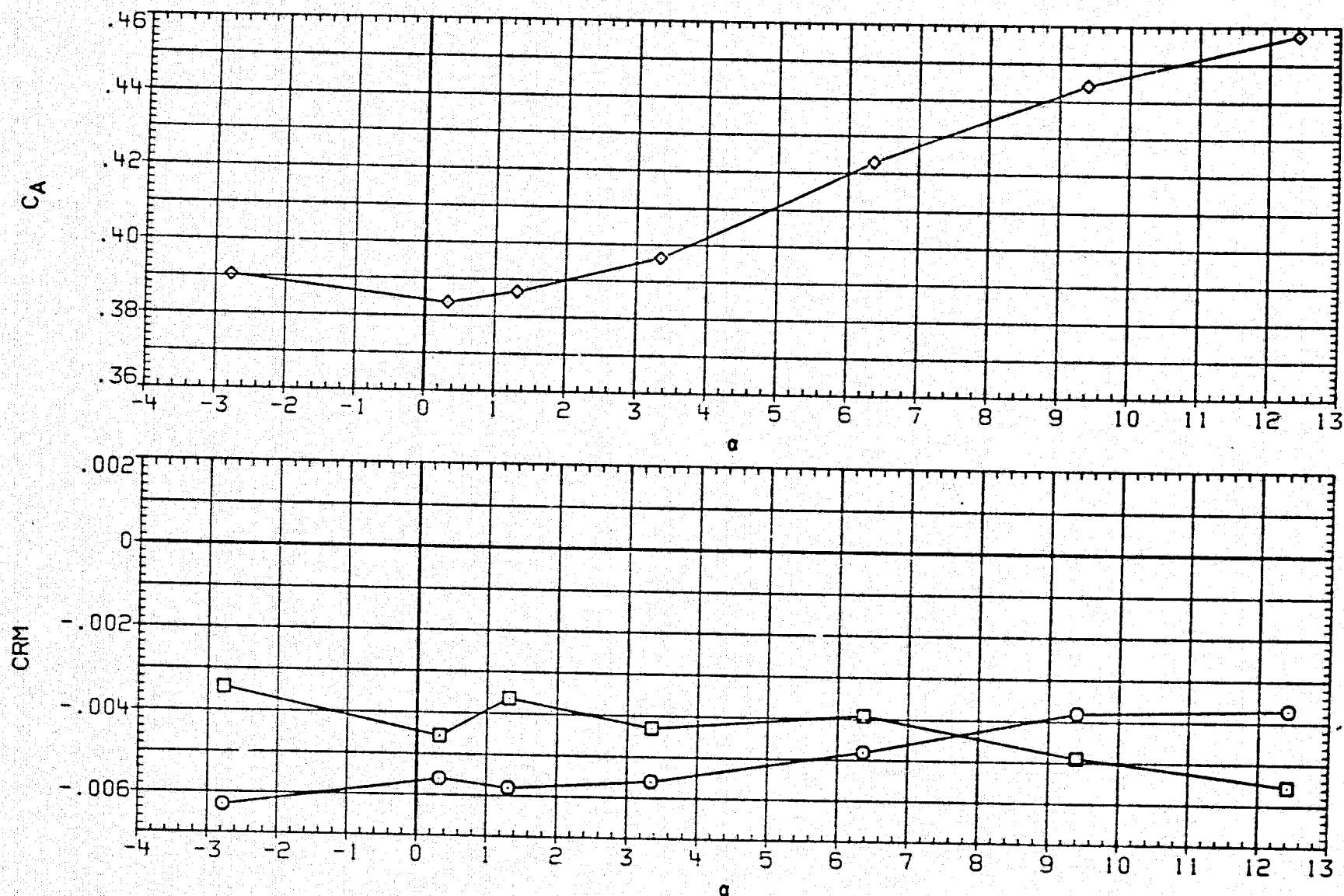


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ115) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.991
□	CRMB	D1 .000
◇	CA	D2 .000
		D1-3 .000
		PHI-C .000
		BETA .000
		D3 .000
		D4 .000
		D2-4 .000

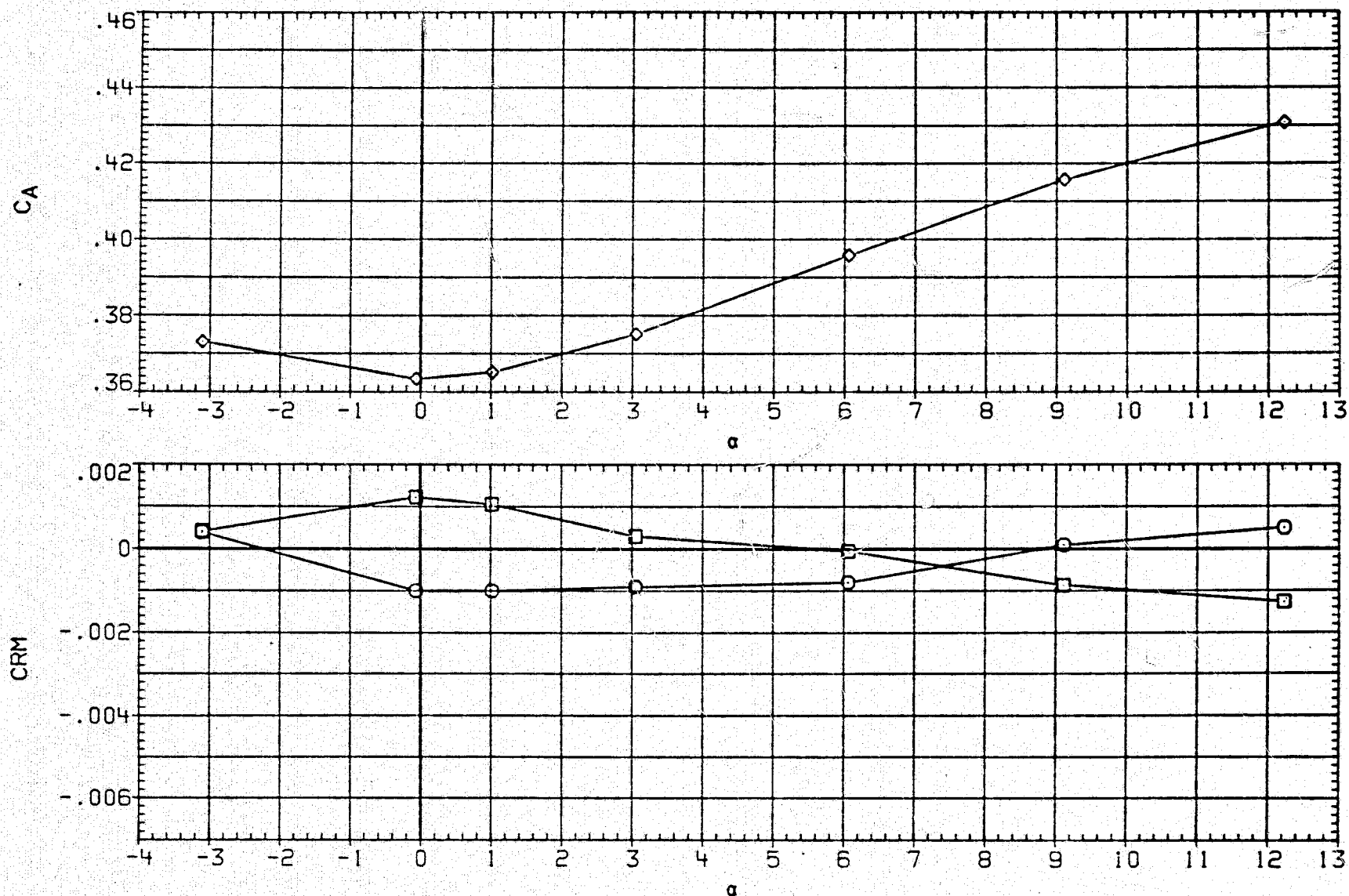


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ116) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CN	1.498	D1	.000	
◇	CNB	.000	D2	.000	
□	CM	1.000	D1-3	1.000	
△	CMB	.000	D2-4	1.000	
		PHI-C	.000		

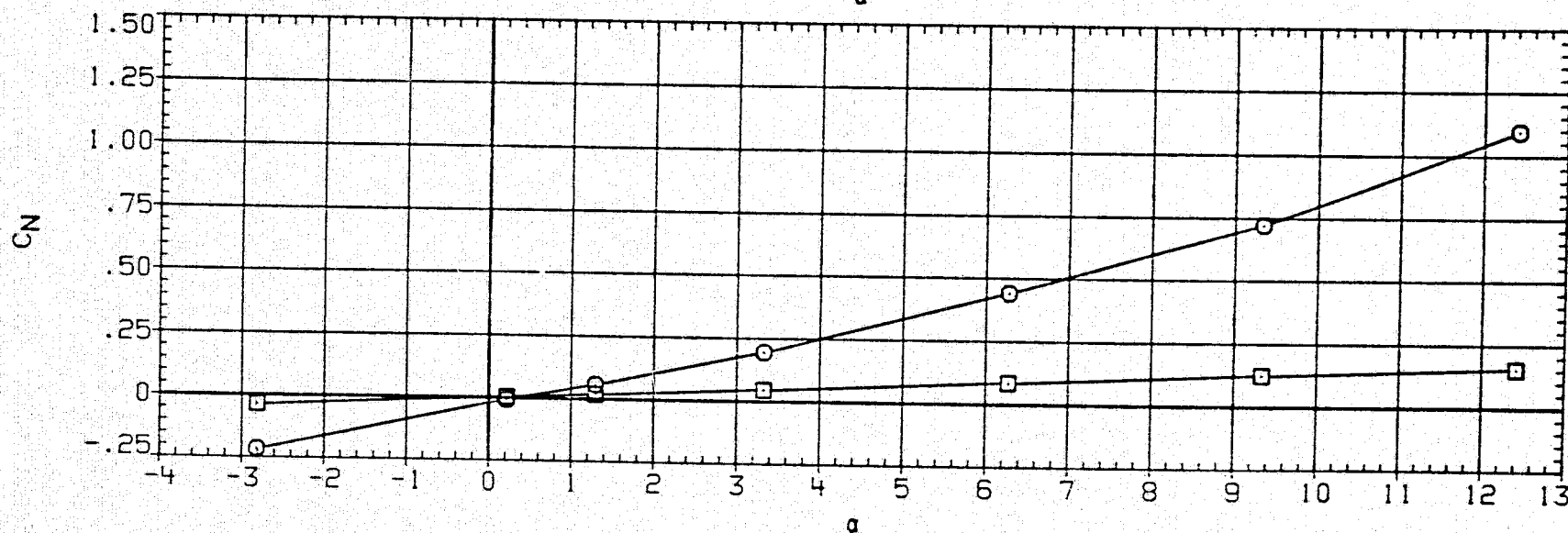
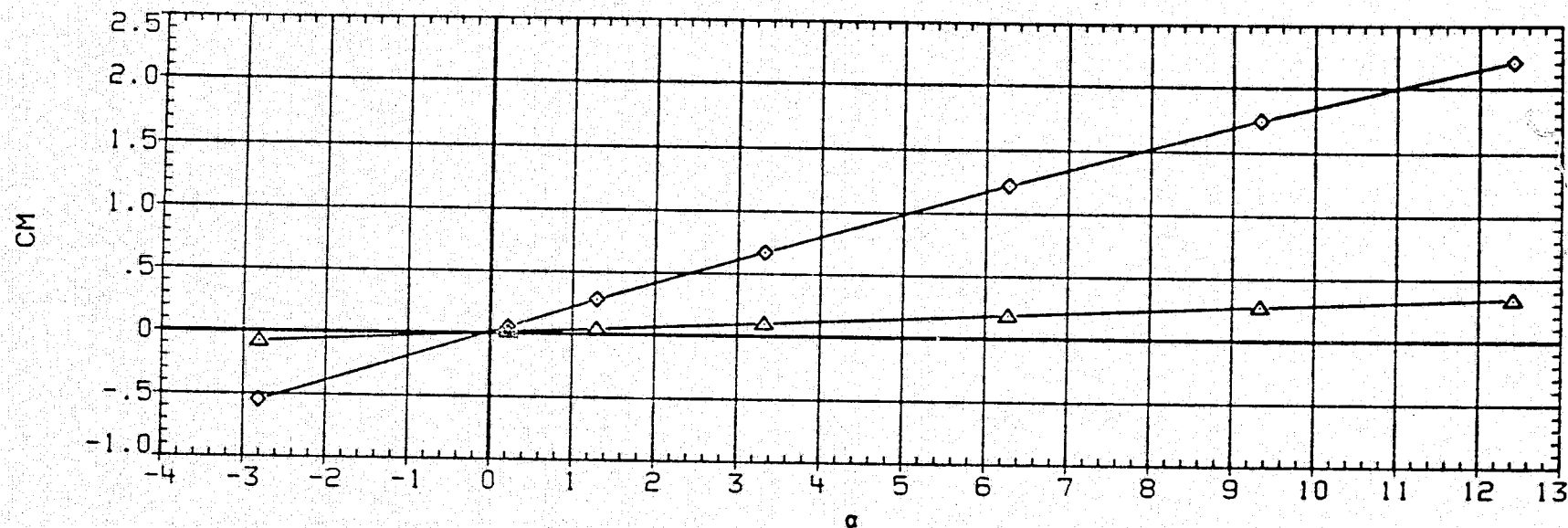


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ116) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.993 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 1.000 D4 1.000
△	CMB	D1-3 .000 D2-4 1.000
	PHI-C	.000

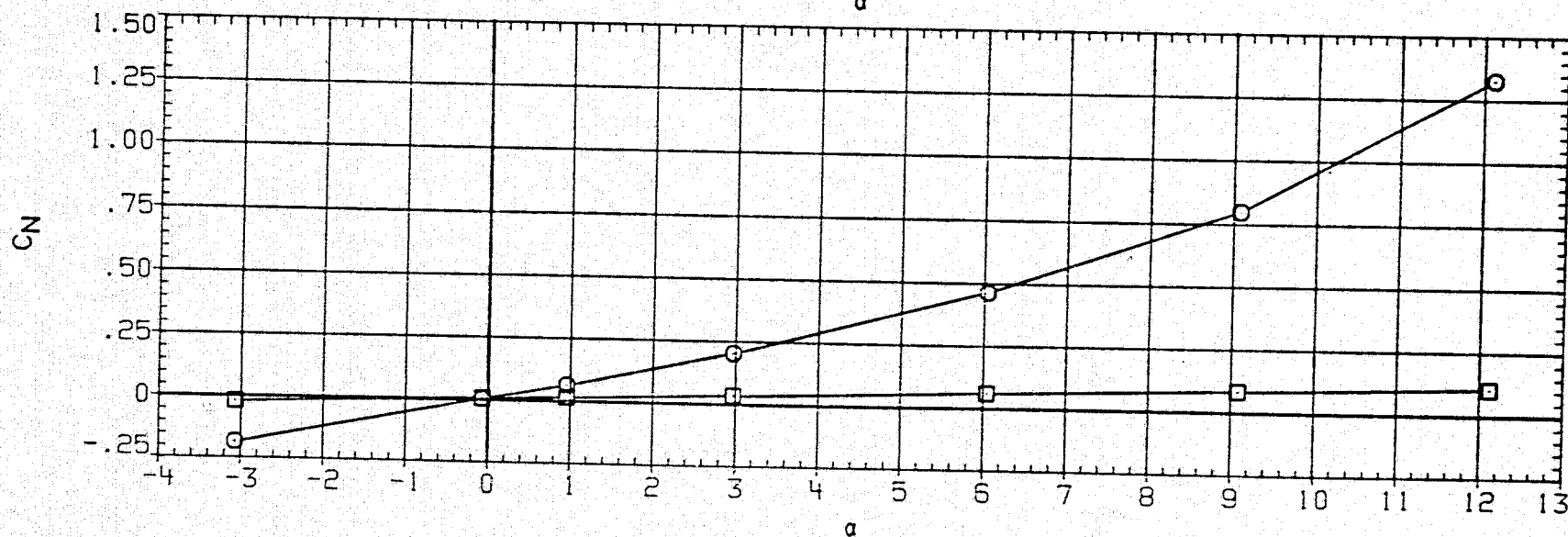
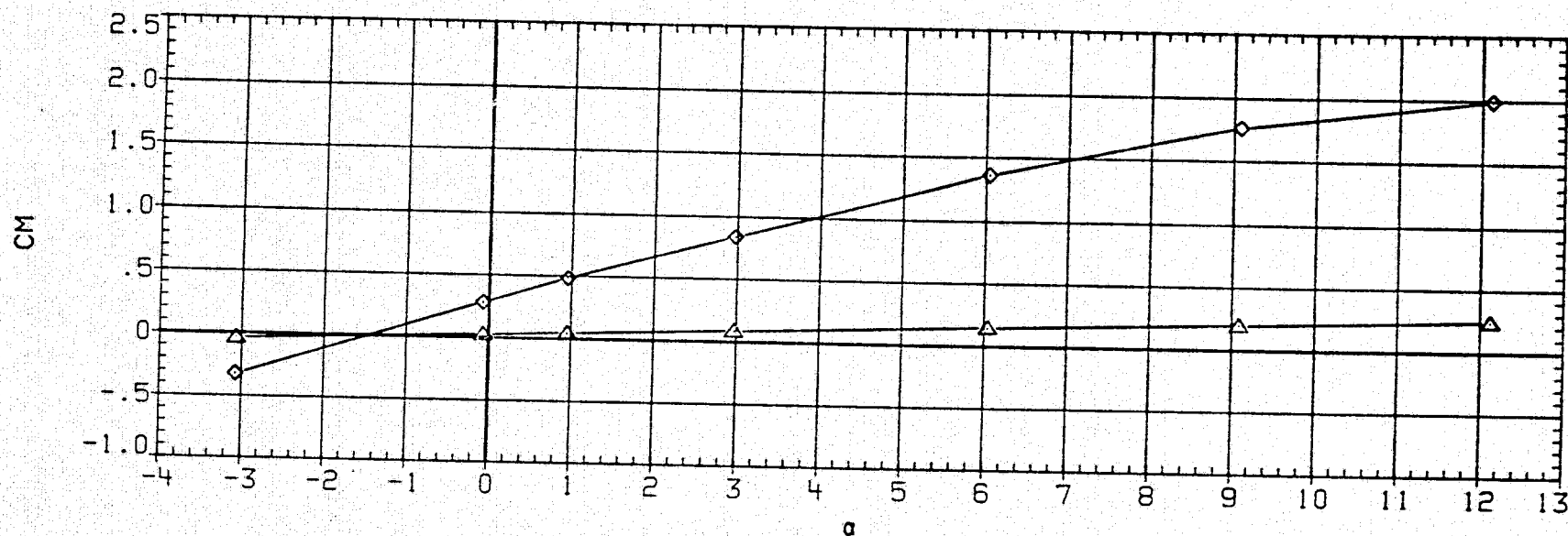


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ116) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.498 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 1.000 D4 1.000
△	CYMB	D1-3 .000 D2-4 1.000
		PHI-C .000

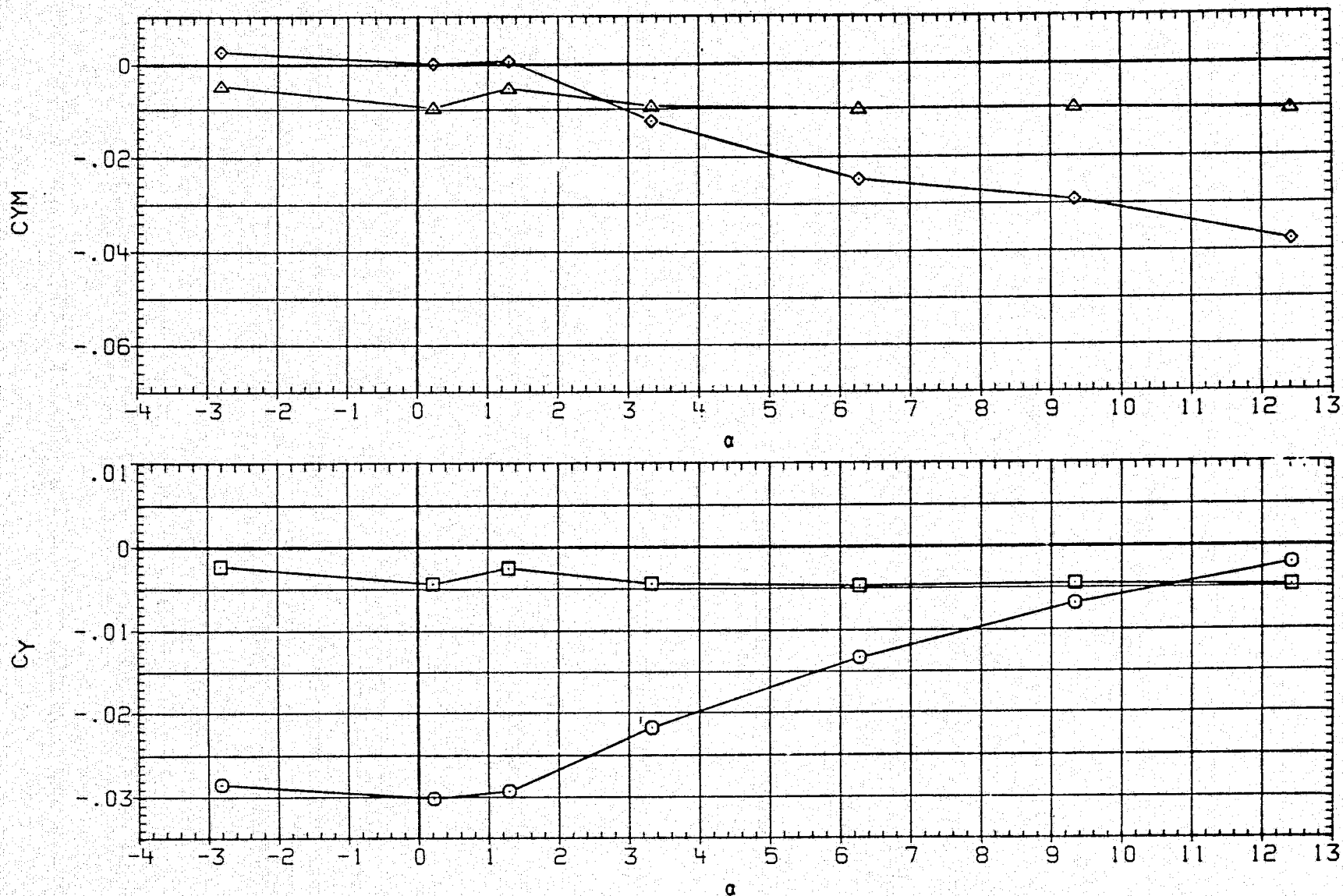


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ116) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.993 BETA .000
□	CYS	D1 .000 D3 .000
◇	CYM	D2 1.000 D4 1.000
△	CYMB	D1-3 .000 D2-4 1.000
		PHI-C .000

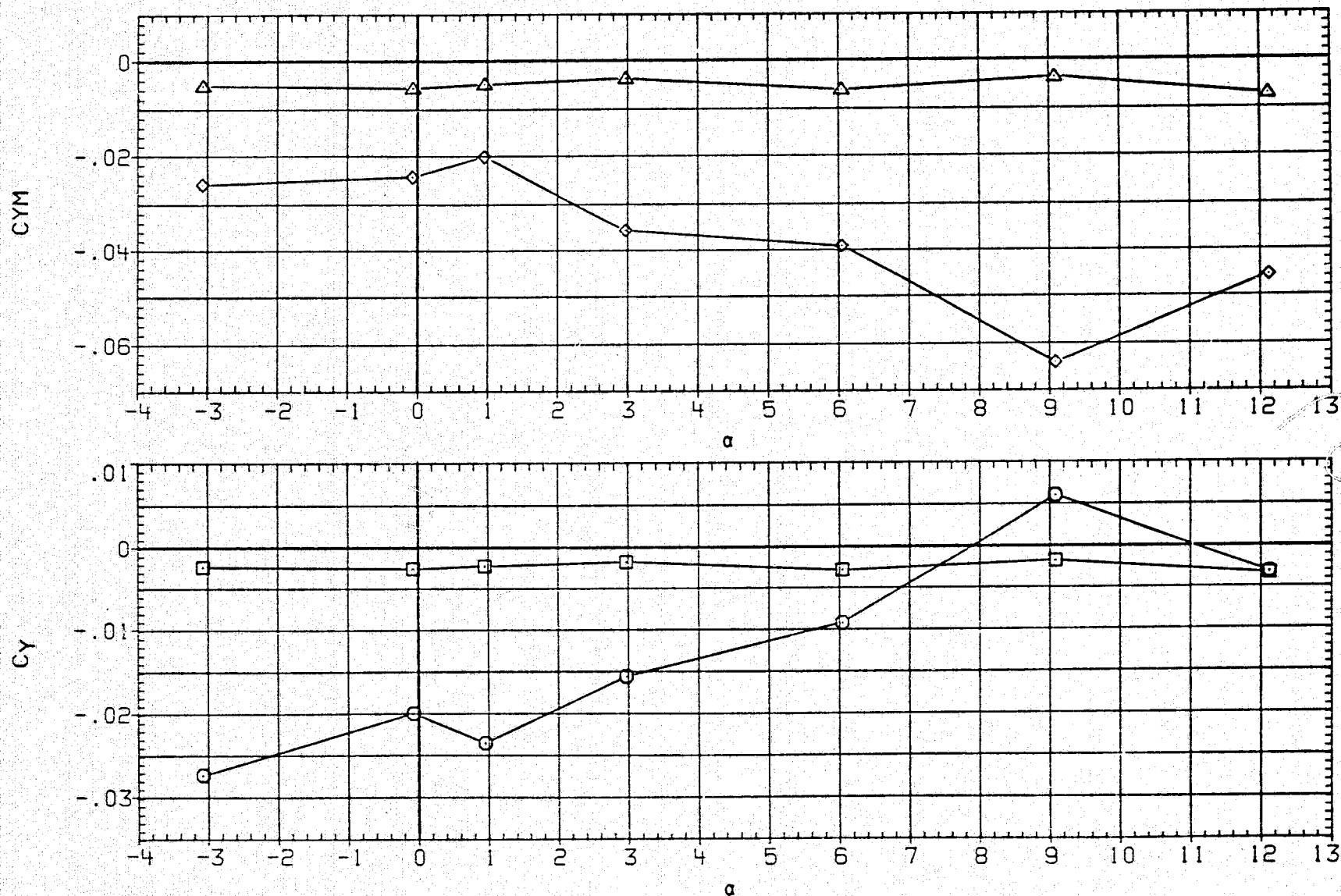


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ116) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.498 BETA .000
□	CRMB	D1 .000 D3 .000
○	CA	D2 1.000 D4 1.000
		D1-3 .000 D2-4 1.000
		PHI-C .000

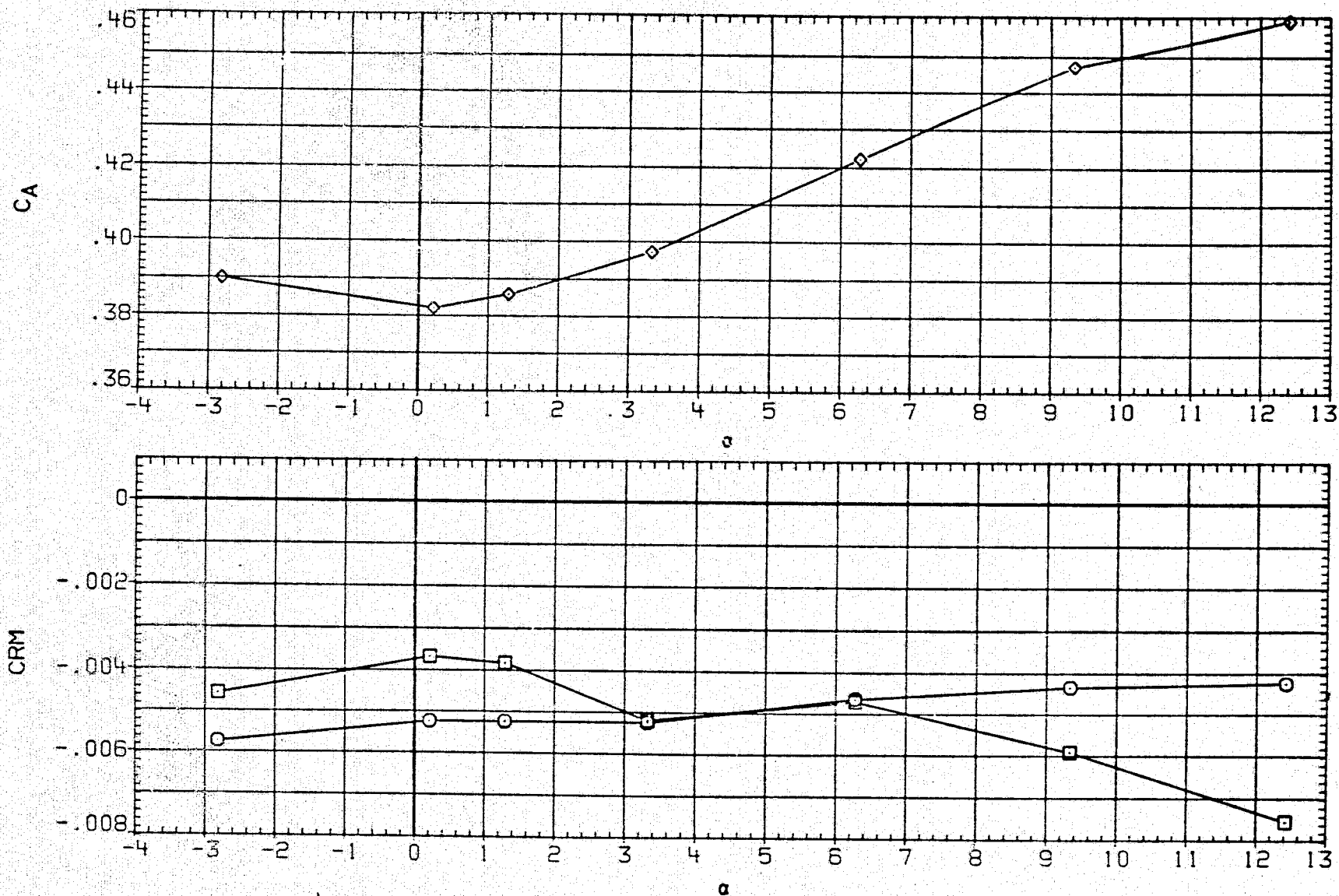


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ116) CONFIGURATION 9 (BN2C1)

SYMBOL

DATA

PARAMETRIC VALUES

CRM	MACH	1.993	BETA	.000
CRMB	D1	.000	D3	.000
CA	D2	1.000	D4	1.000
	D1-3	.000	D2-4	1.000
	PHI-C	.000		

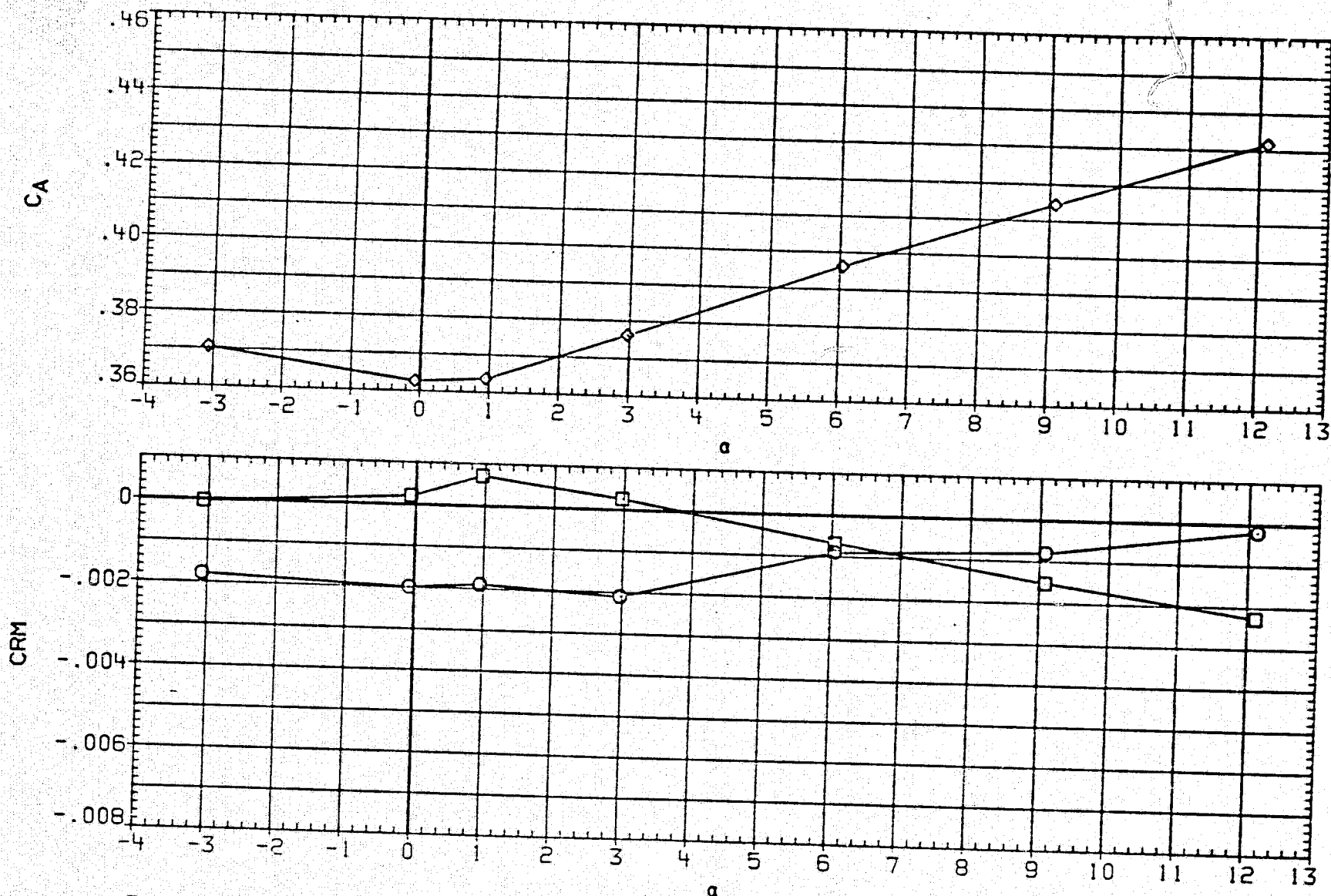


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ117) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.495 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 3.000 D4 3.000
△	CM8	D1-3 .000 D2-4 3.000
		PHI-C .000

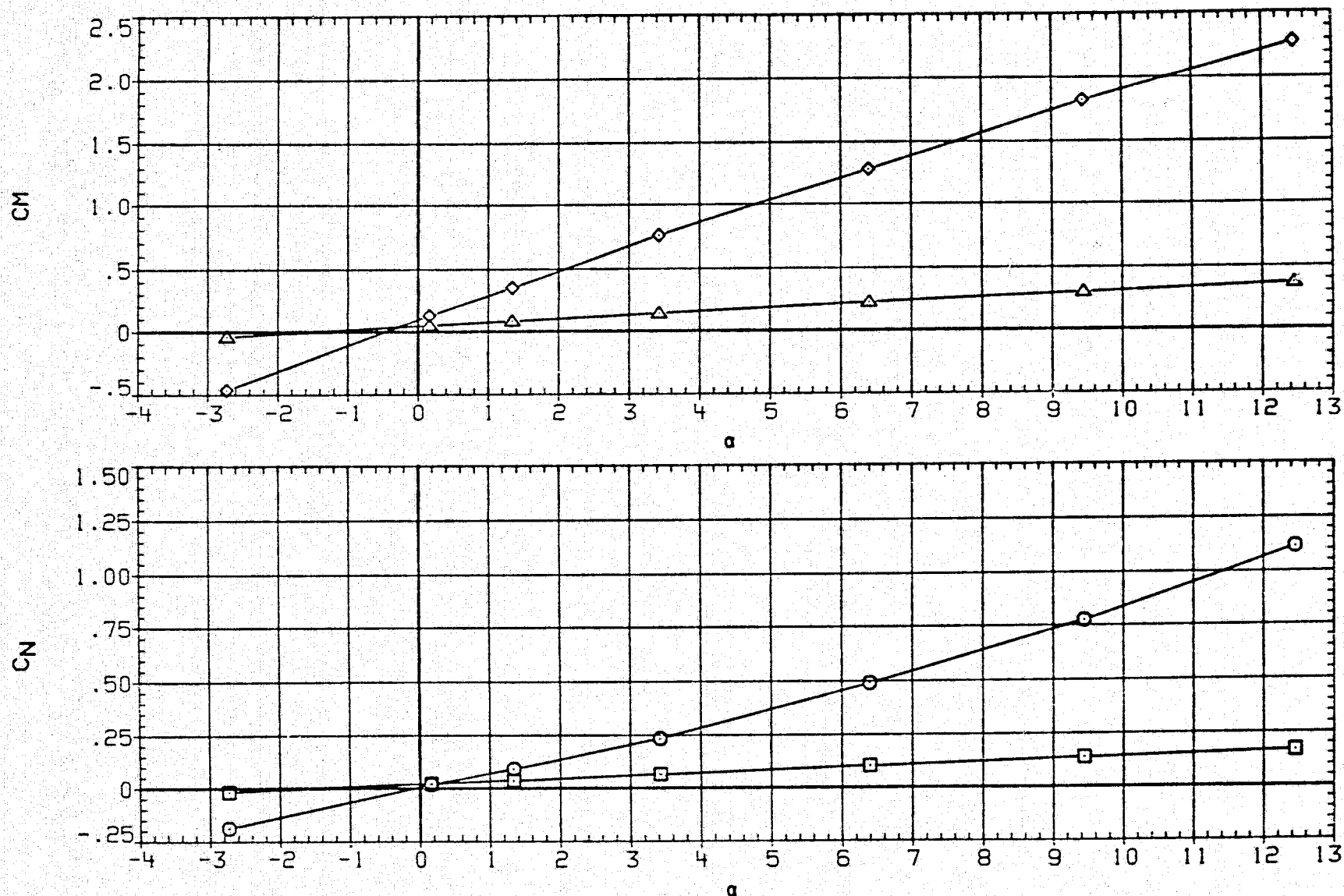


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ117) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.993 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 3.000 D4 3.000
△	CMB	D1-3 .000 D2-4 3.000
		PHI-C .000

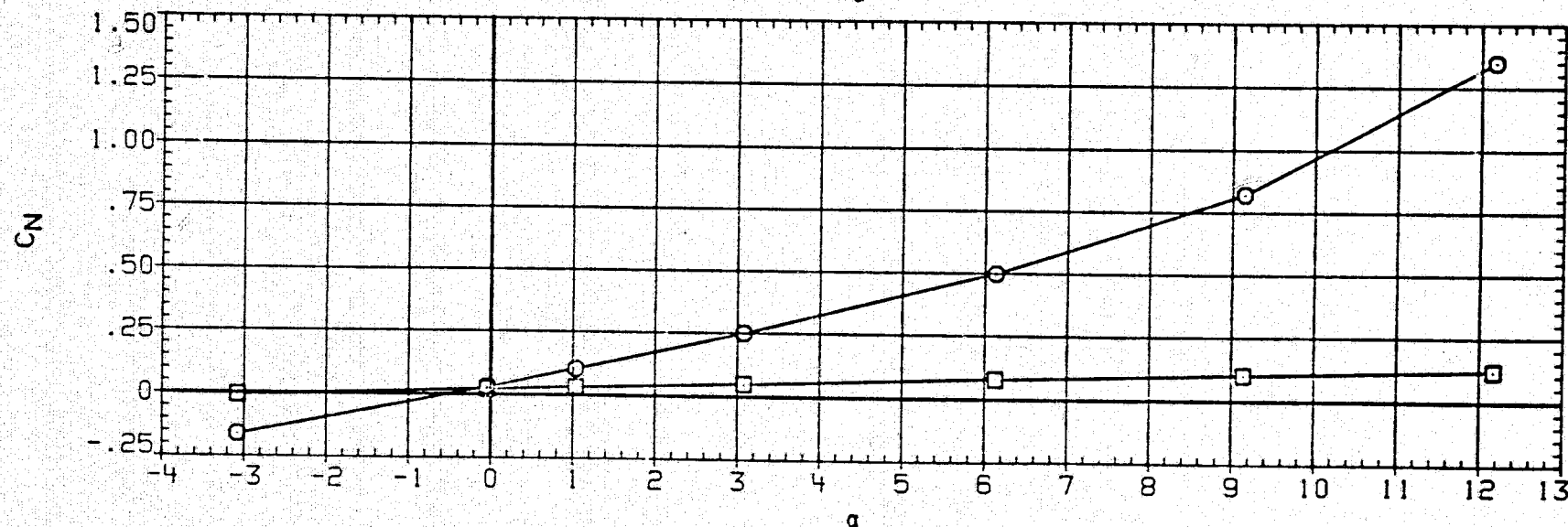
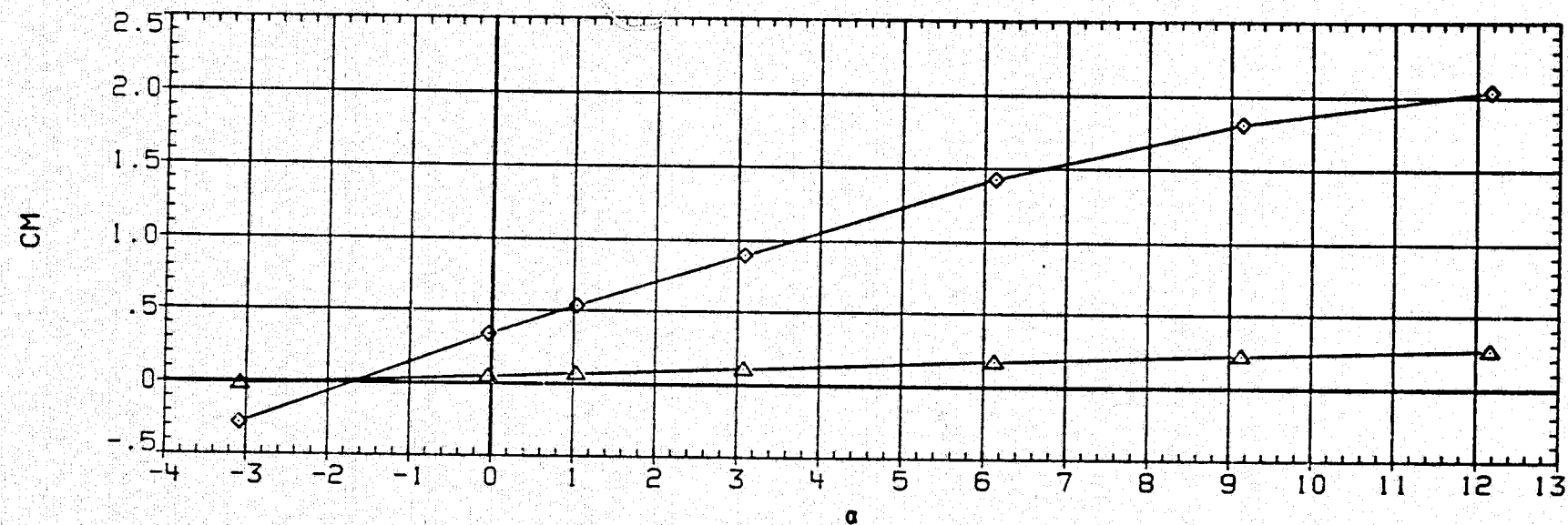


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ117)

CONFIGURATION 9 (BN2C1)

SYMBOL

DATA

PARAMETRIC VALUES

□
◇
△

CY
CYB
CYM
CYMB

MACH
D1
D2
D1-3
PHI-C

1.495
.000
3.000
.000
.000

BETA
D3
D4
D2-4

.000
.000
3.000
3.000

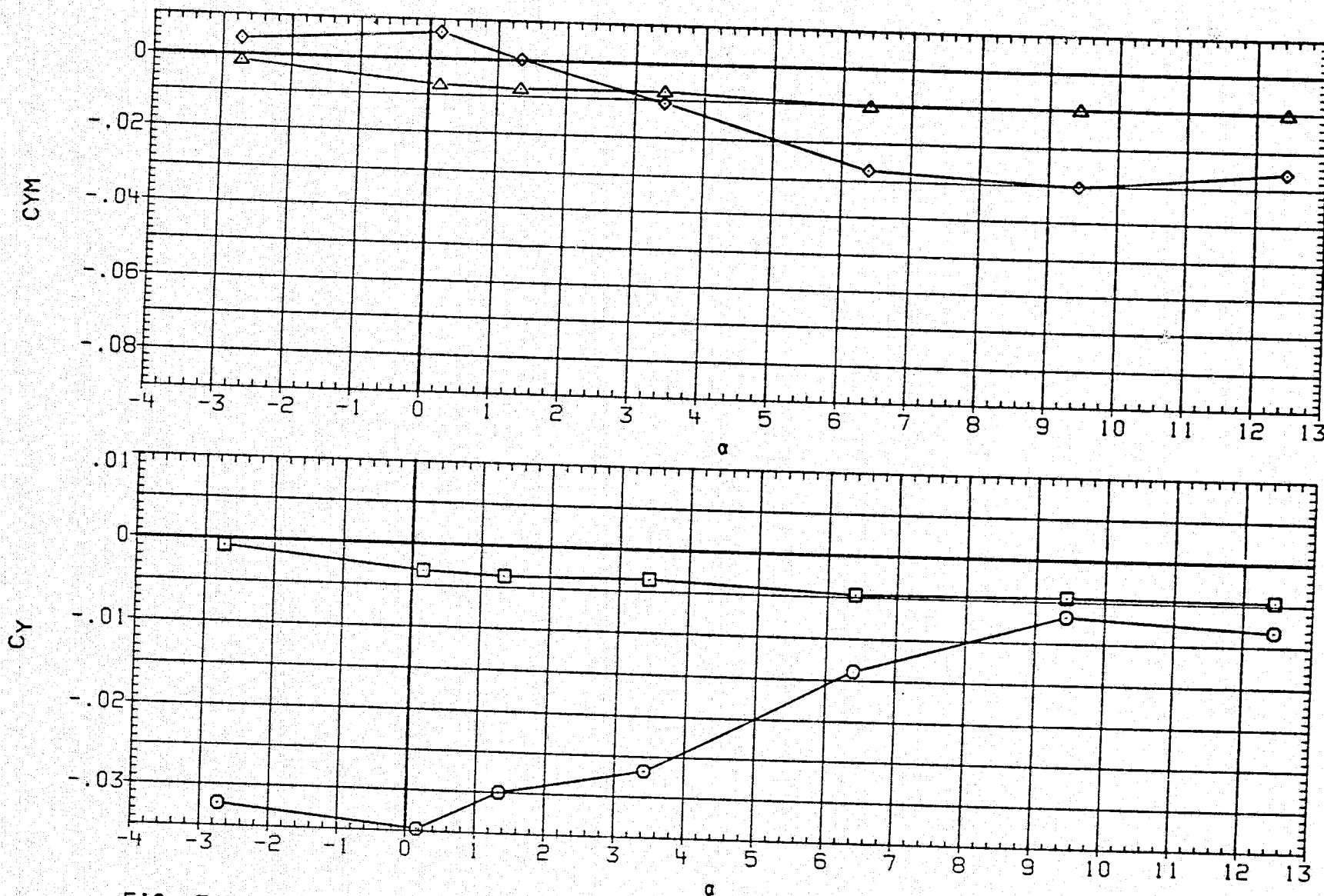


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ117) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.993 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 3.000 D4 3.000
△	CYMB	D1-3 .000 D2-4 3.000
	PHI-C	.000

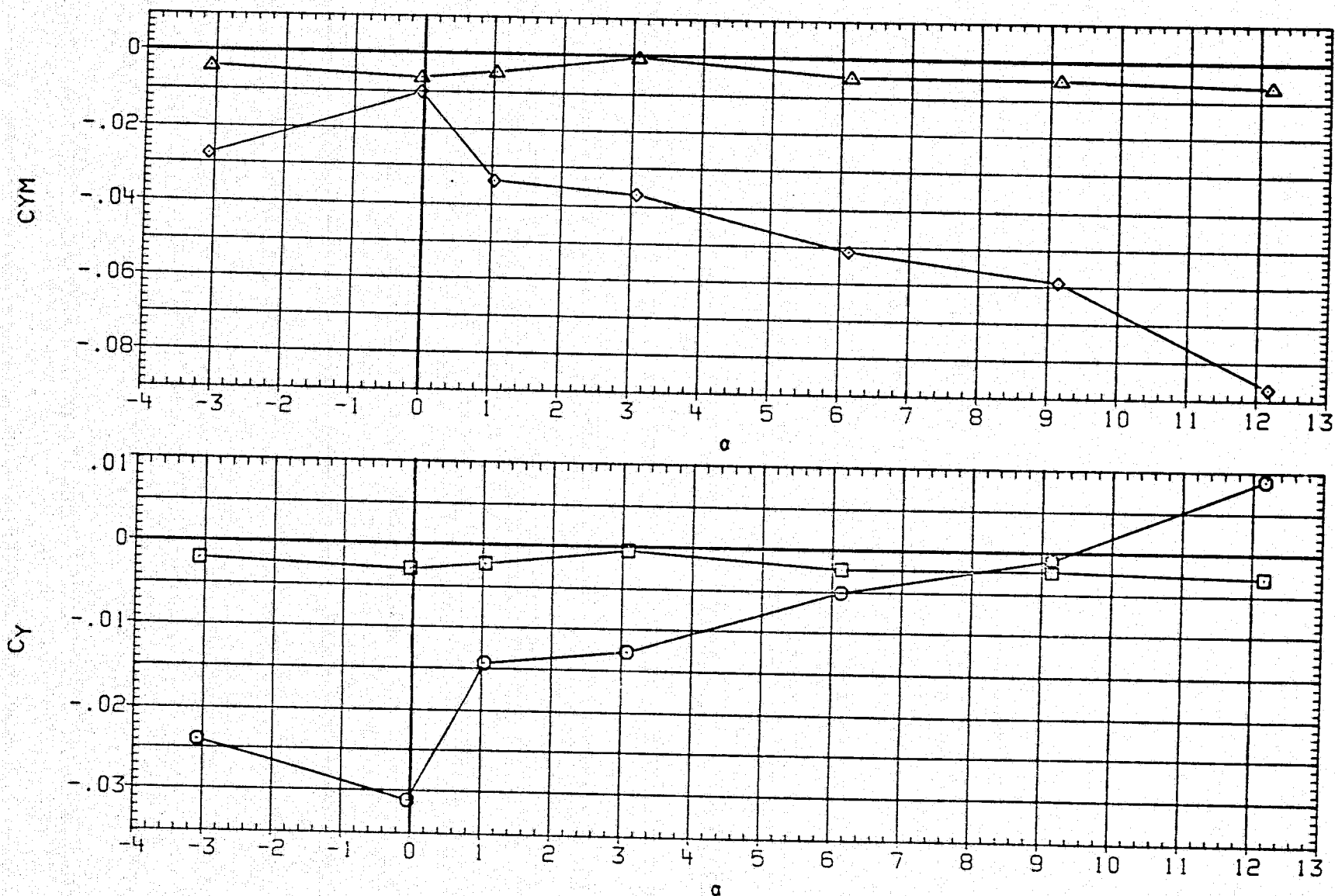


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ117) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.495 BETA .000
□	CRMB	D1 .000 D3 .000
◇	CA	D2 3.000 D4 3.000
		D1-3 .000 D2-4 3.000
		PHI-C .000

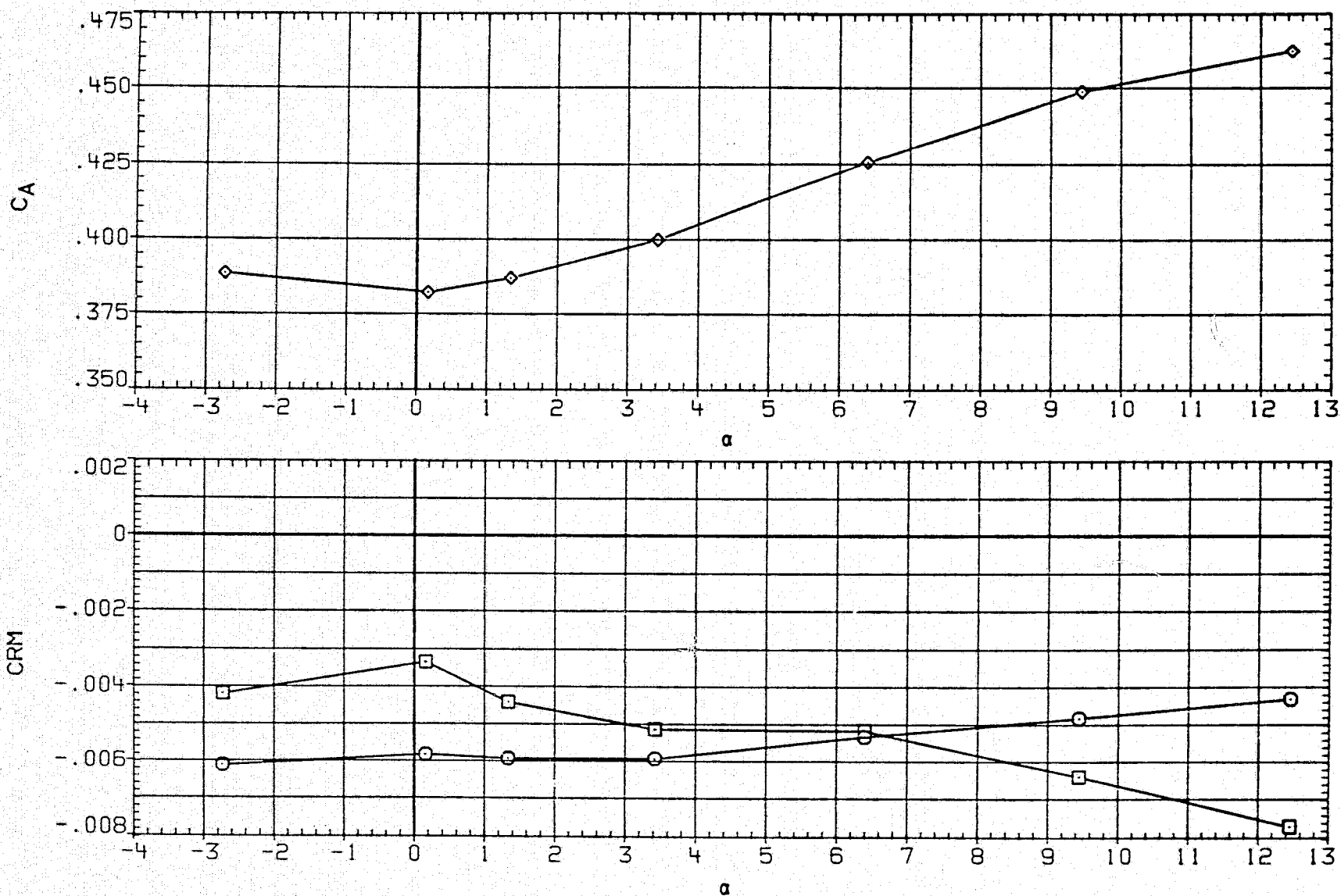


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ117) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.993
□	CRMB	BETA .000
◇	CA	D1 .000
		D2 3.000
		D1-3 .000
		D4 3.000
		D2-4 3.000
		PHI-C .000

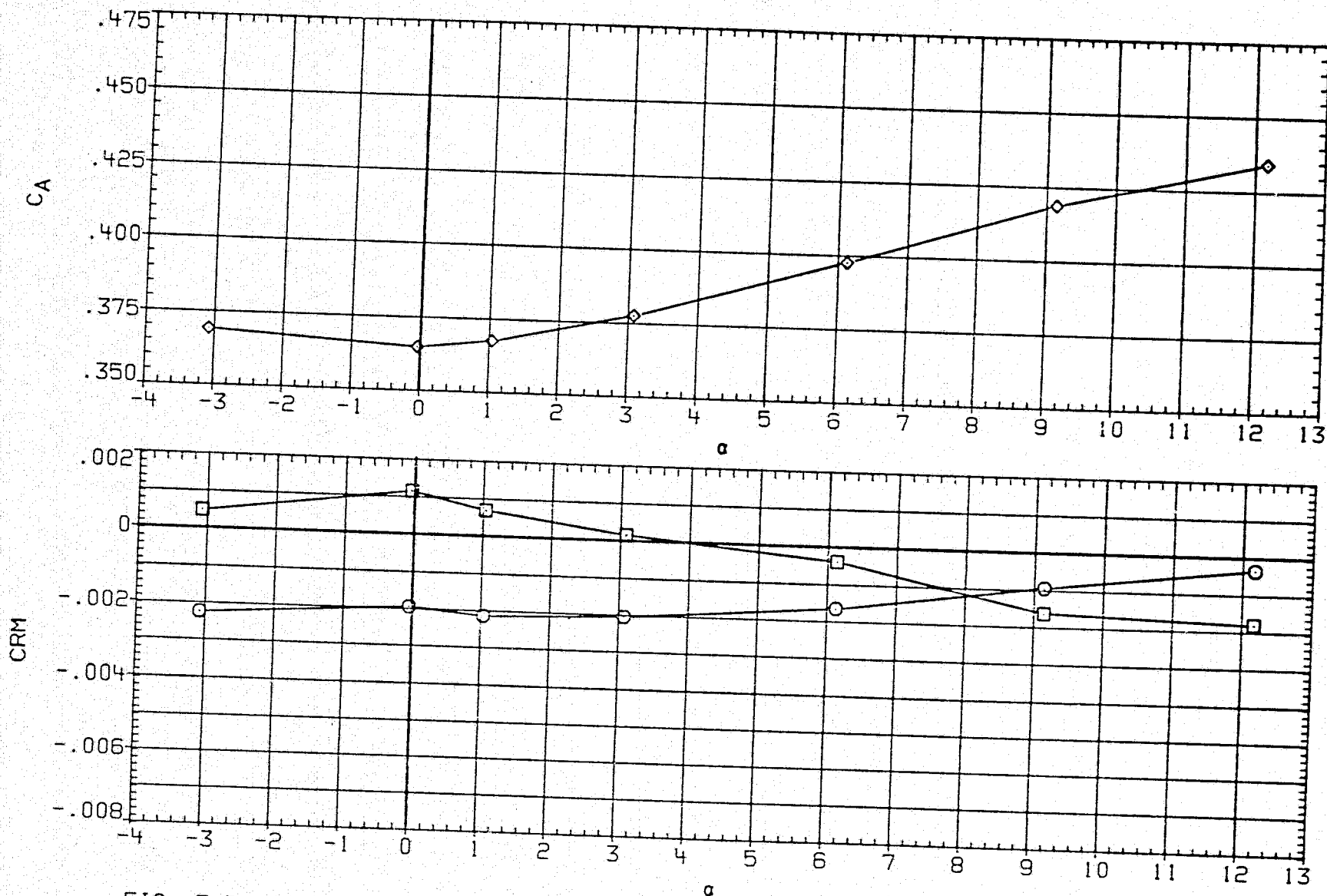


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ118) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.499 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 6.000 D4 6.000
△	CMB	D1-3 .000 D2-4 6.000
	PHI-C	.000

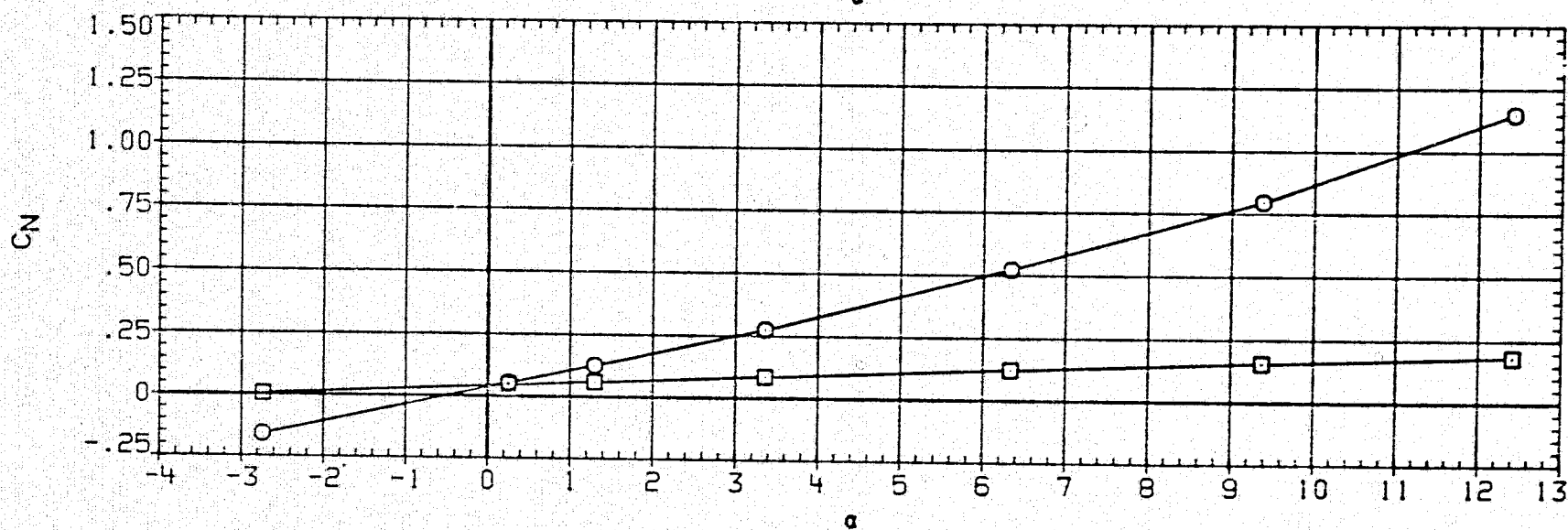
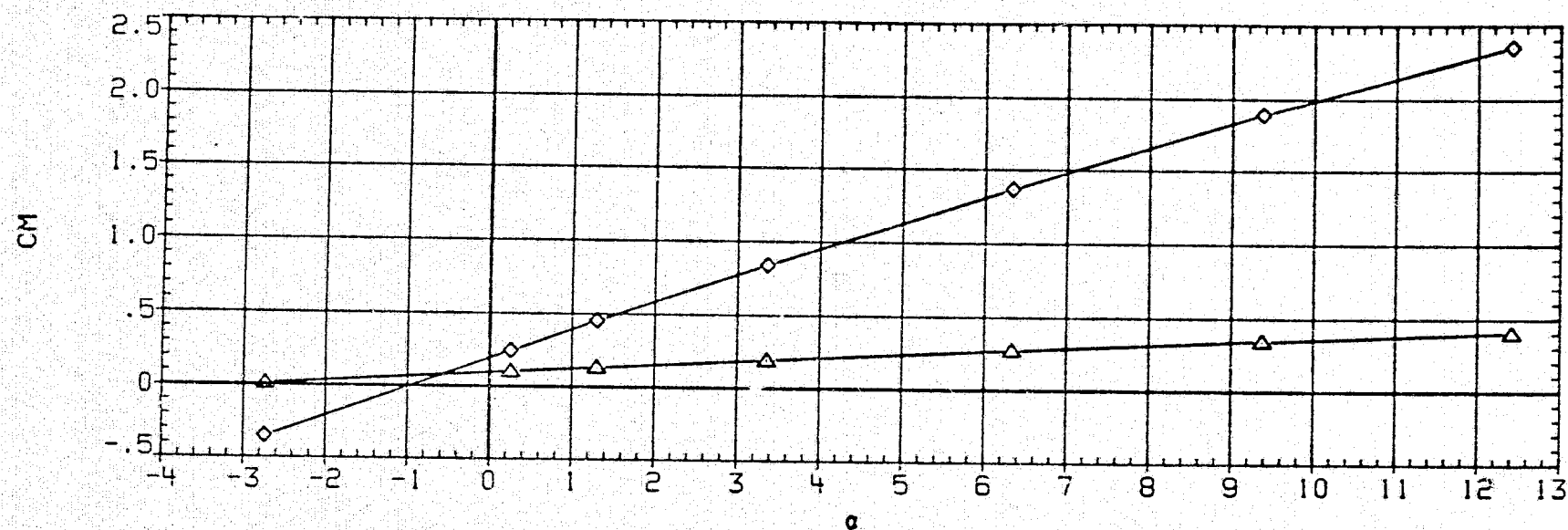


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ118) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.995 BETA .000
◇	CNS	D1 .000 D3 .000
△	CM	D2 6.000 D4 6.000
△	CMB	D1-3 .000 D2-4 6.000
		PHI-C .000

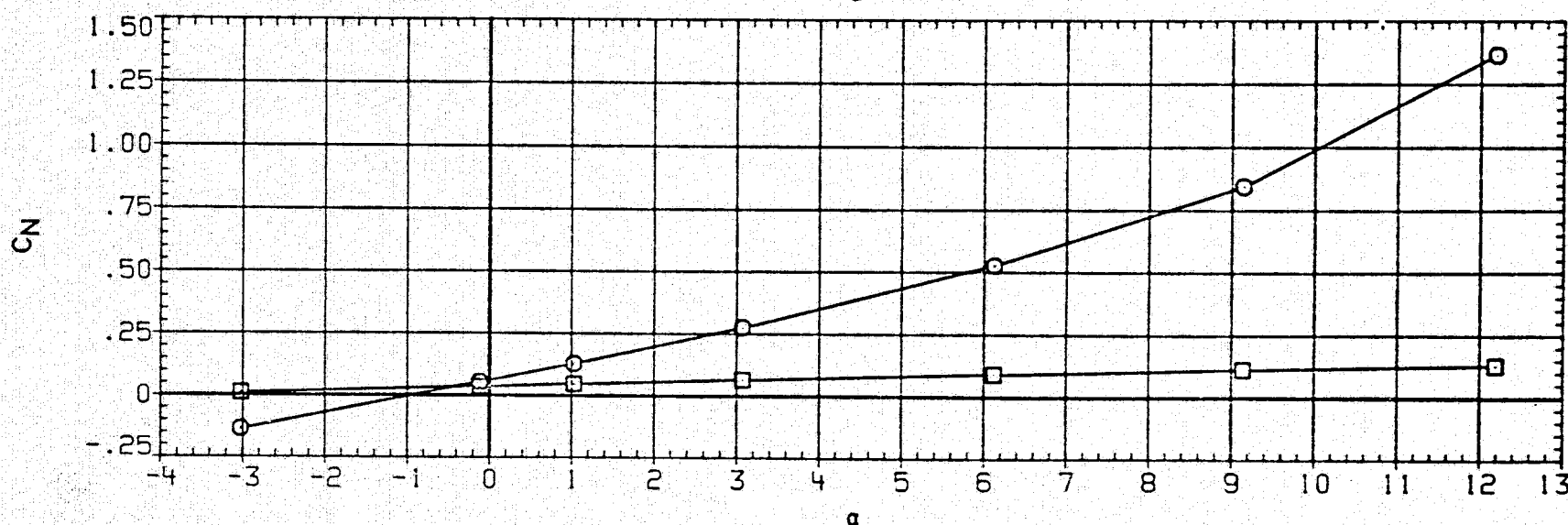
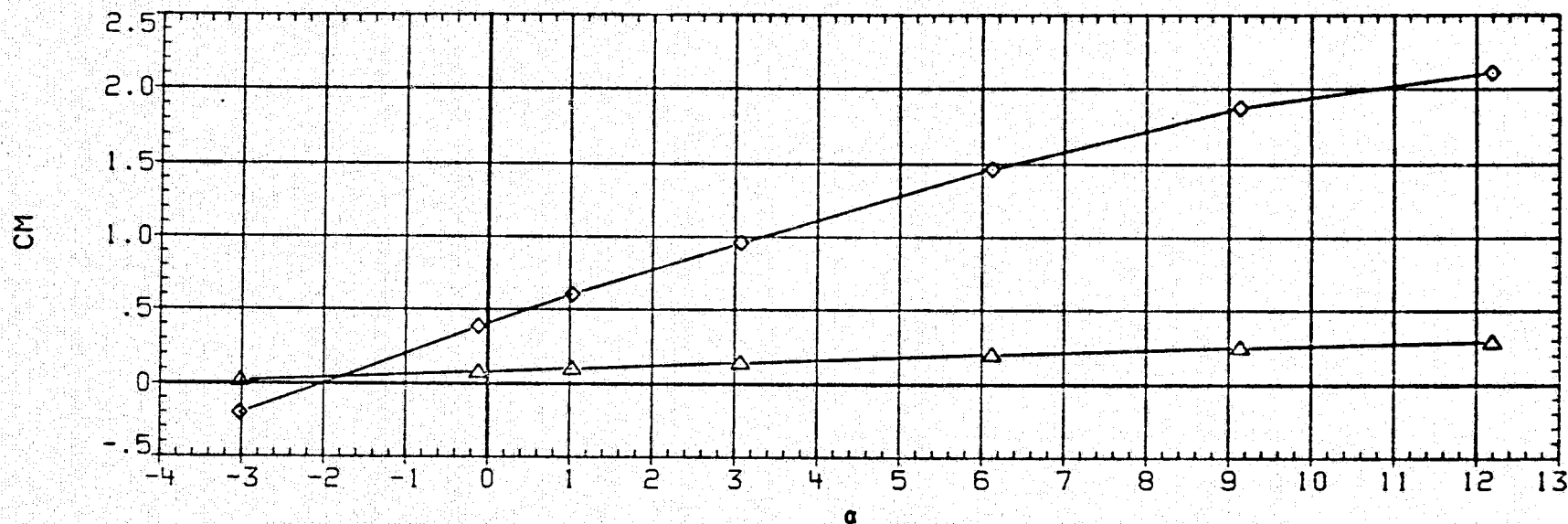


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ118) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.499 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 6.000 D4 6.000
△	CYMB	D1-3 .000 D2-4 6.000
		PHI-C .000

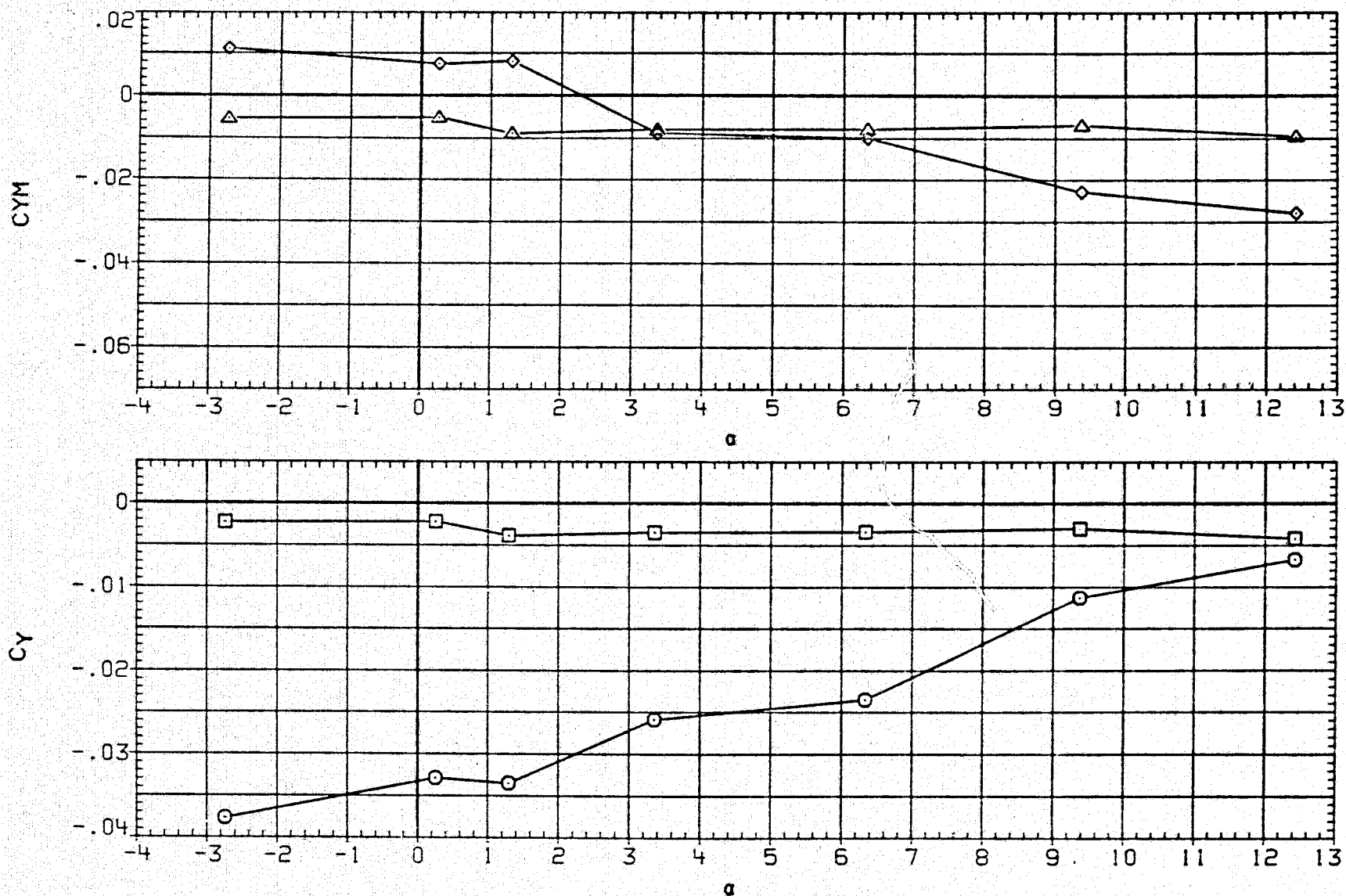


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ118) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 6.000 D4 6.000
△	CYMB	D1-3 .000 D2-4 6.000
		PHI-C .000

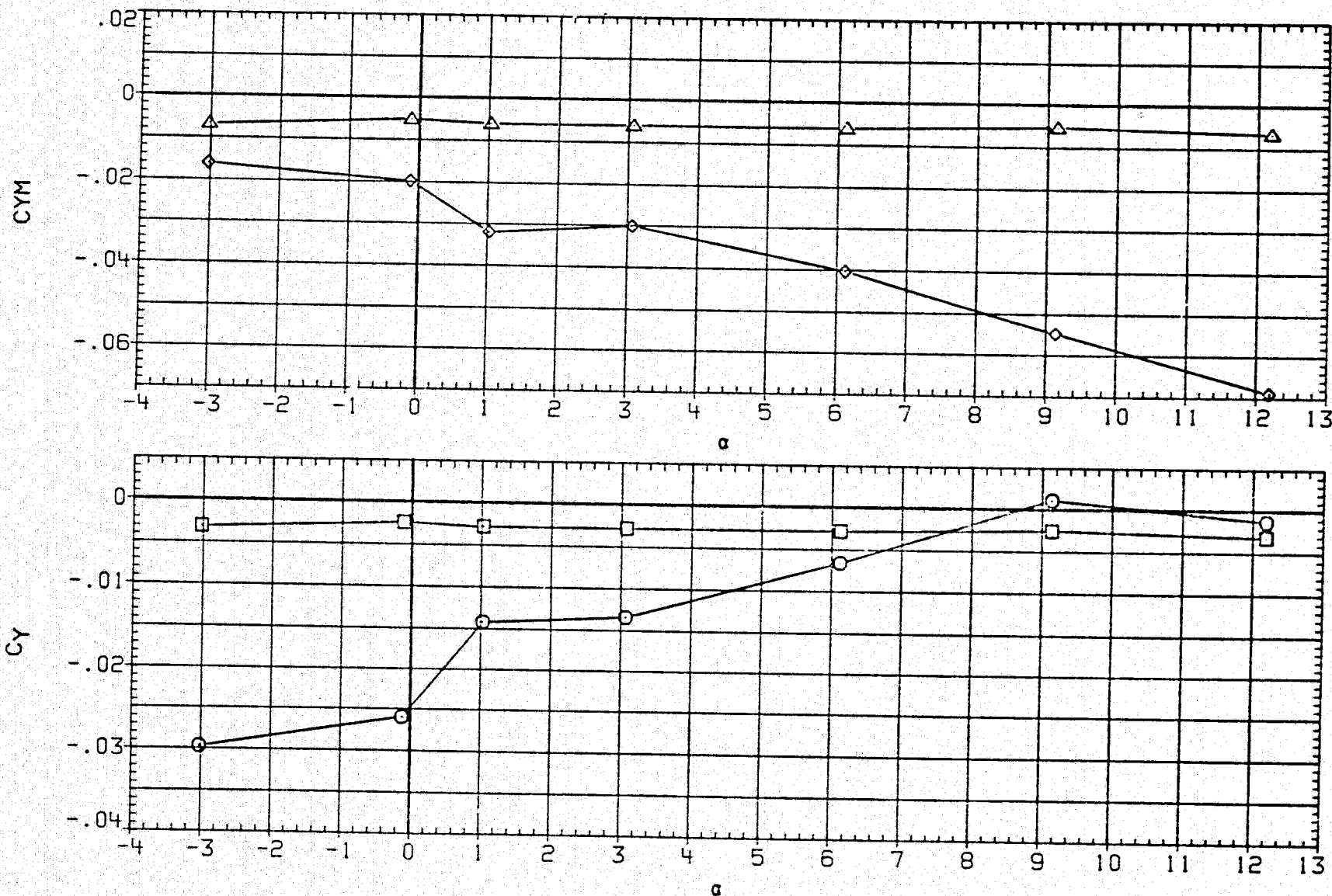


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ118) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES			
◇	CRM	MACH	1.499	BETA	.000
□	CRM	D1	.000	D3	.000
○	CA	D2	6.000	D4	6.000
		D1-3	.000	D2-4	6.000
		PHI-C	.000		

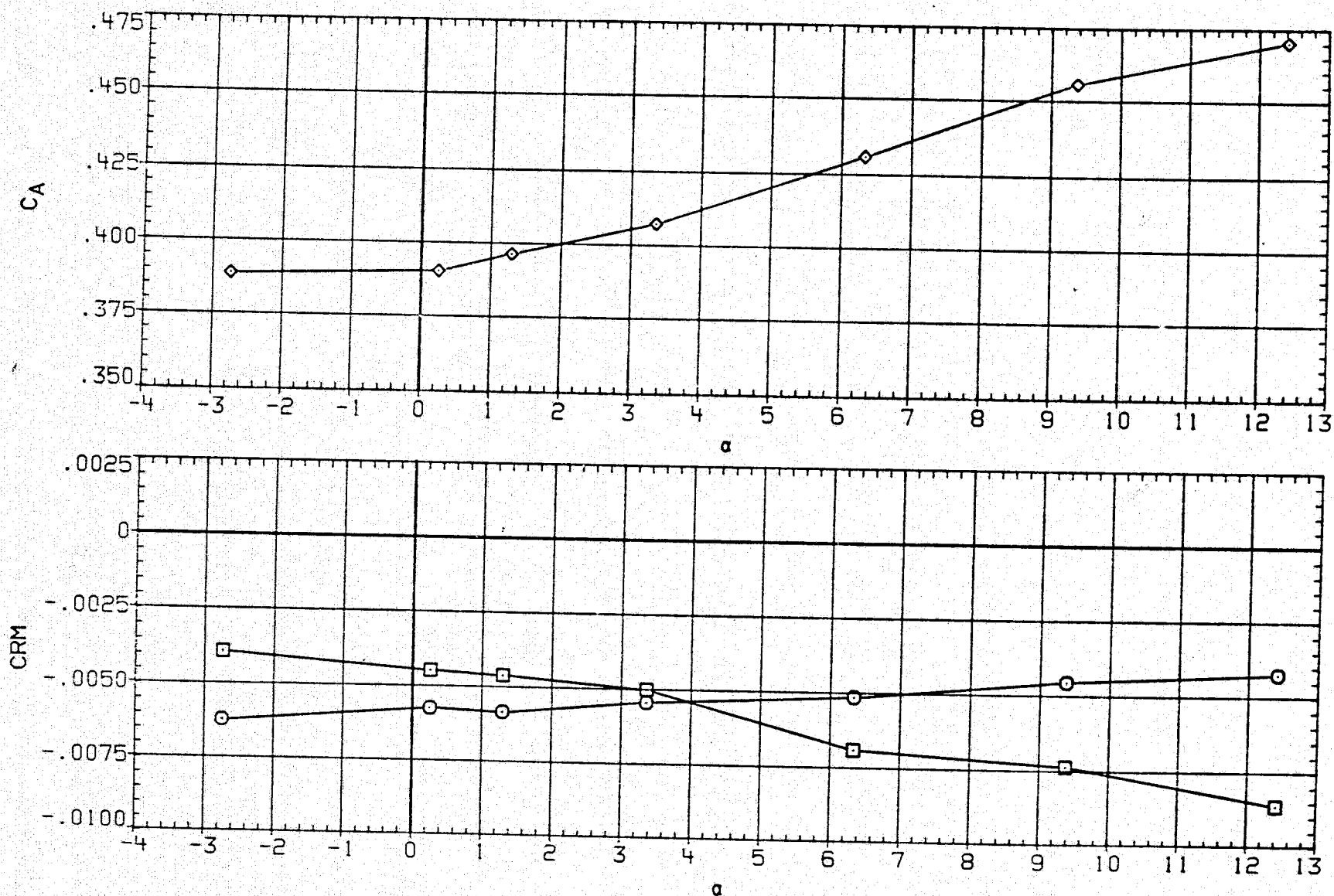


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ118) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.995 BETA .000
□	CRMB	D1 .000 D3 .000
○	CA	D2 6.000 D4 6.000
		D1-3 .000 D2-4 6.000
		PHI-C .000

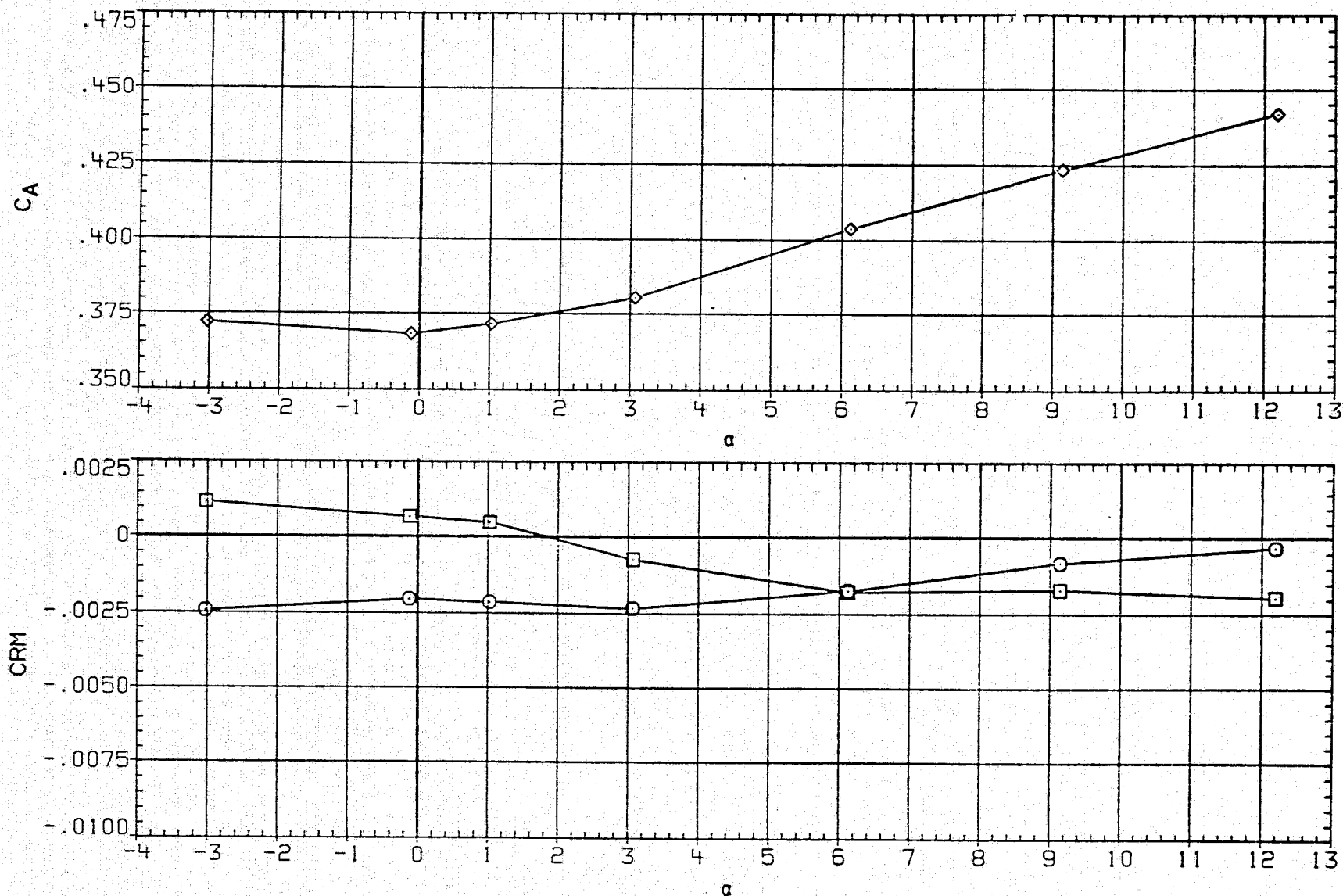


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ119) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.499 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 9.000 D4 9.000
△	CMB	D1-3 .000 D2-4 9.000
	PHI-C	.000

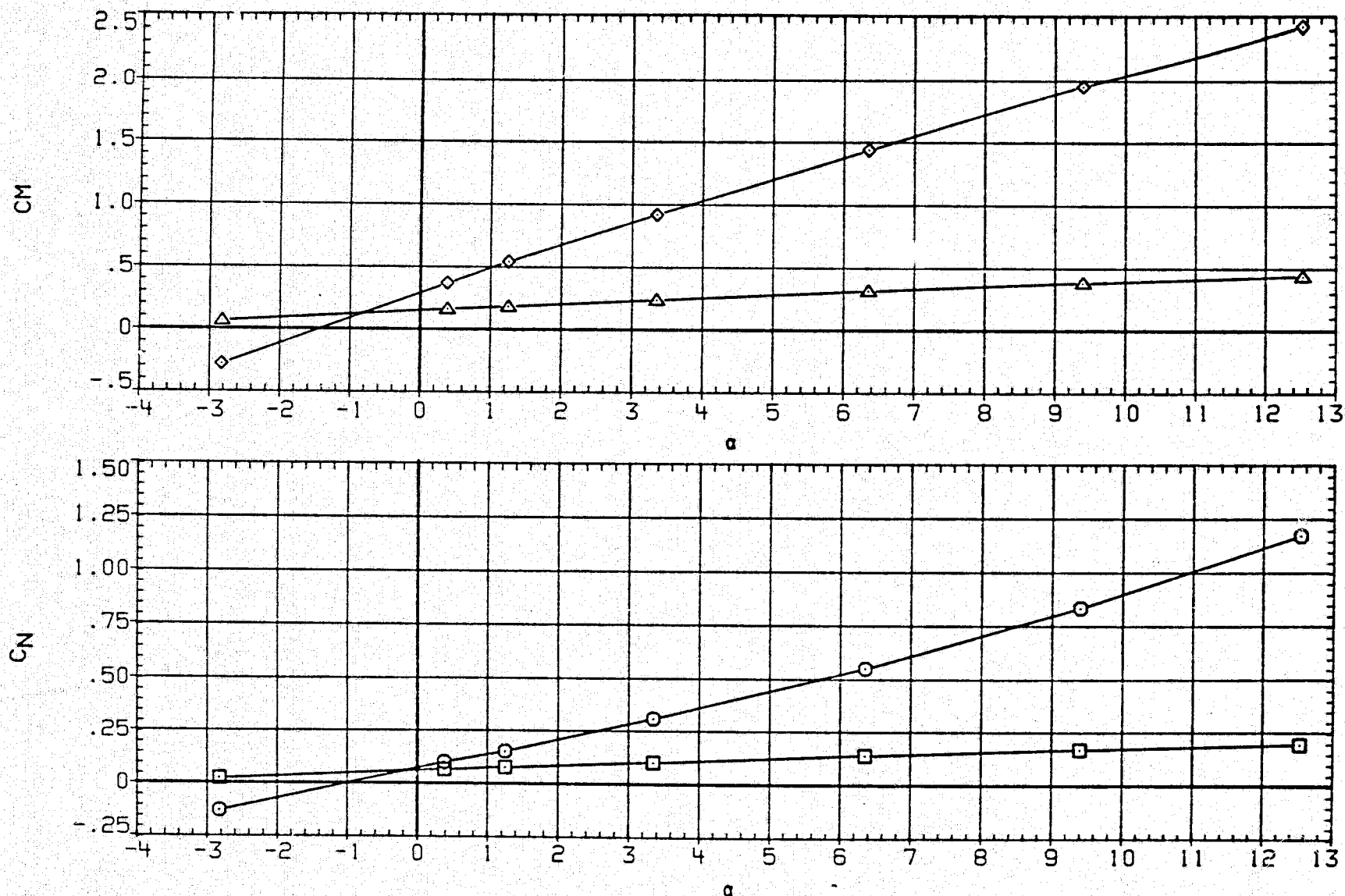


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ119) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CN	D1	1.993	D3	.000
□	CNB	D2	.000	D4	.000
◇	CM	D1-3	9.000	D2-4	9.000
△	CMB	PHI-C	.000		9.000

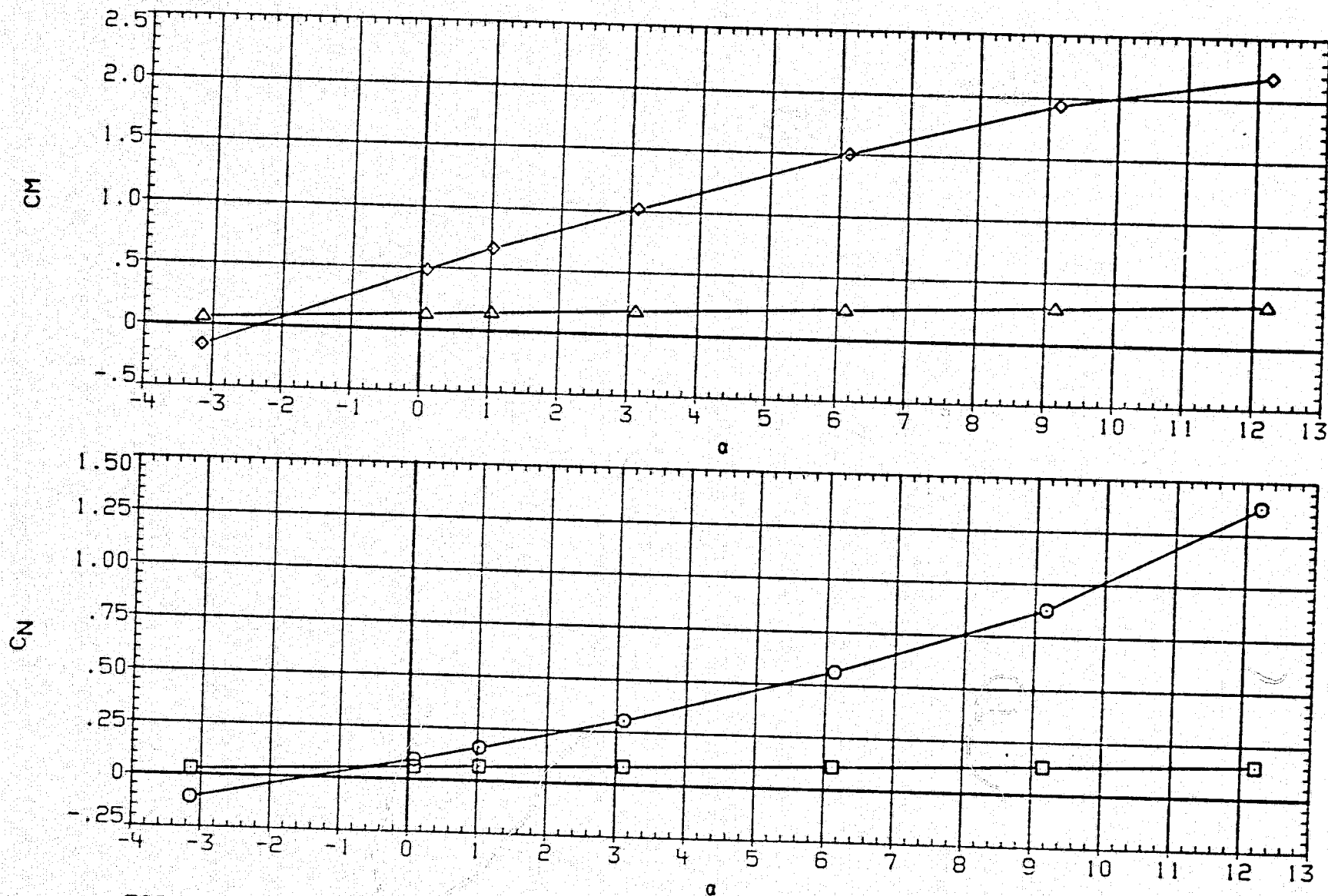


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ119) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
□	CY	1.499	D1	.000	.000
◇	CYB	.000	D2	.03	.000
△	CYM	9.000	D1-3	.04	9.000
	CYMB	.000	D2-4	.000	9.000
		PHI-C			

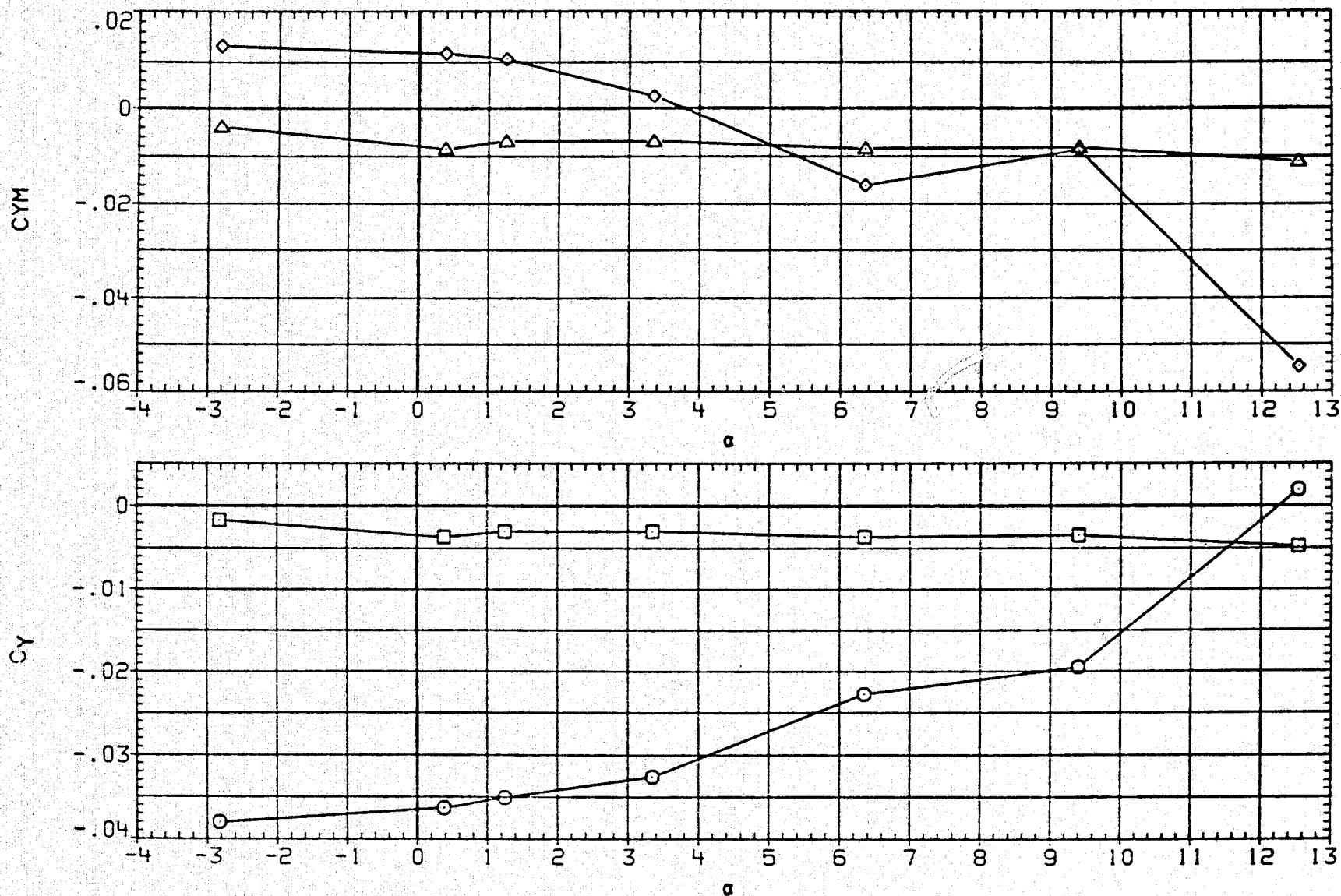


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ119) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.993 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 9.000 D4 9.000
△	CYMB	D1-3 .000 D2-4 9.000
		PHI-C .000

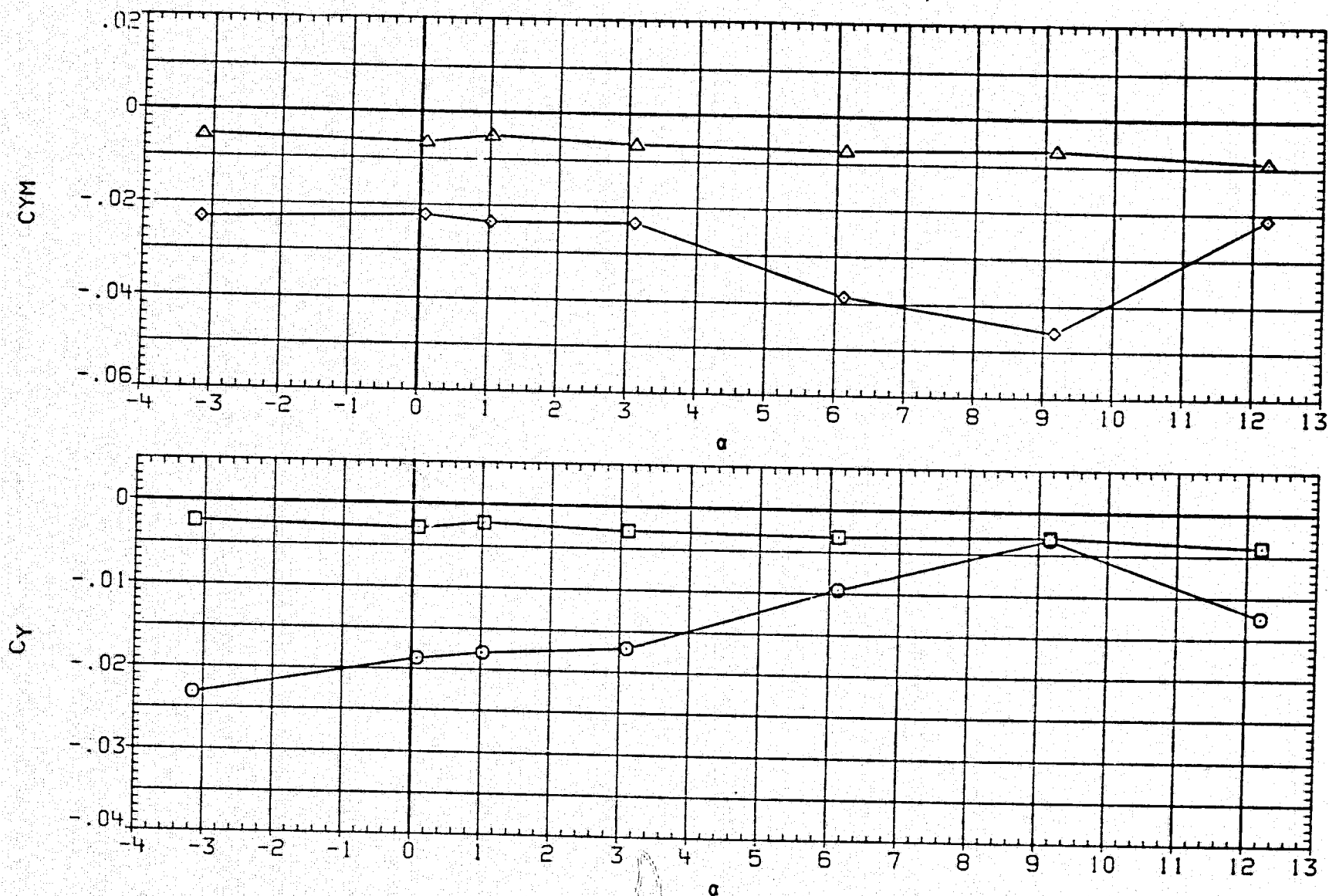


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ119) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.499 BETA .000
□	CRM	D1 .000 D3 .000
◇	CA	D2 9.000 D4 9.000
		D1-3 .000 D2-4 9.000
		PHI-C .000

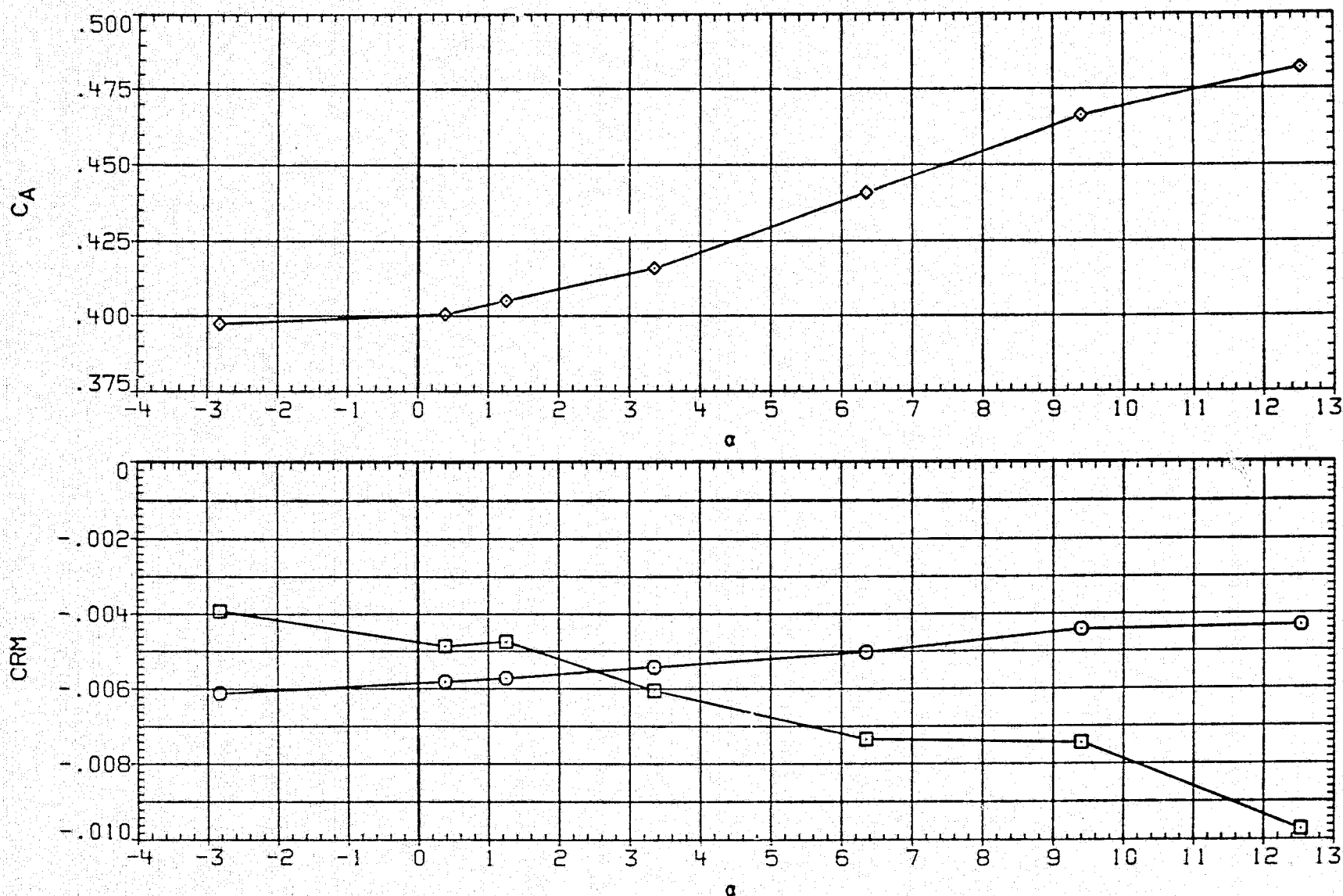


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ119) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.993 BETA .000
□	CRM _B	D1 .000 D3 .000
◇	CA	D2 9.000 D4 9.000
		D1-3 .000 D2-4 9.000
		PHI-C .000

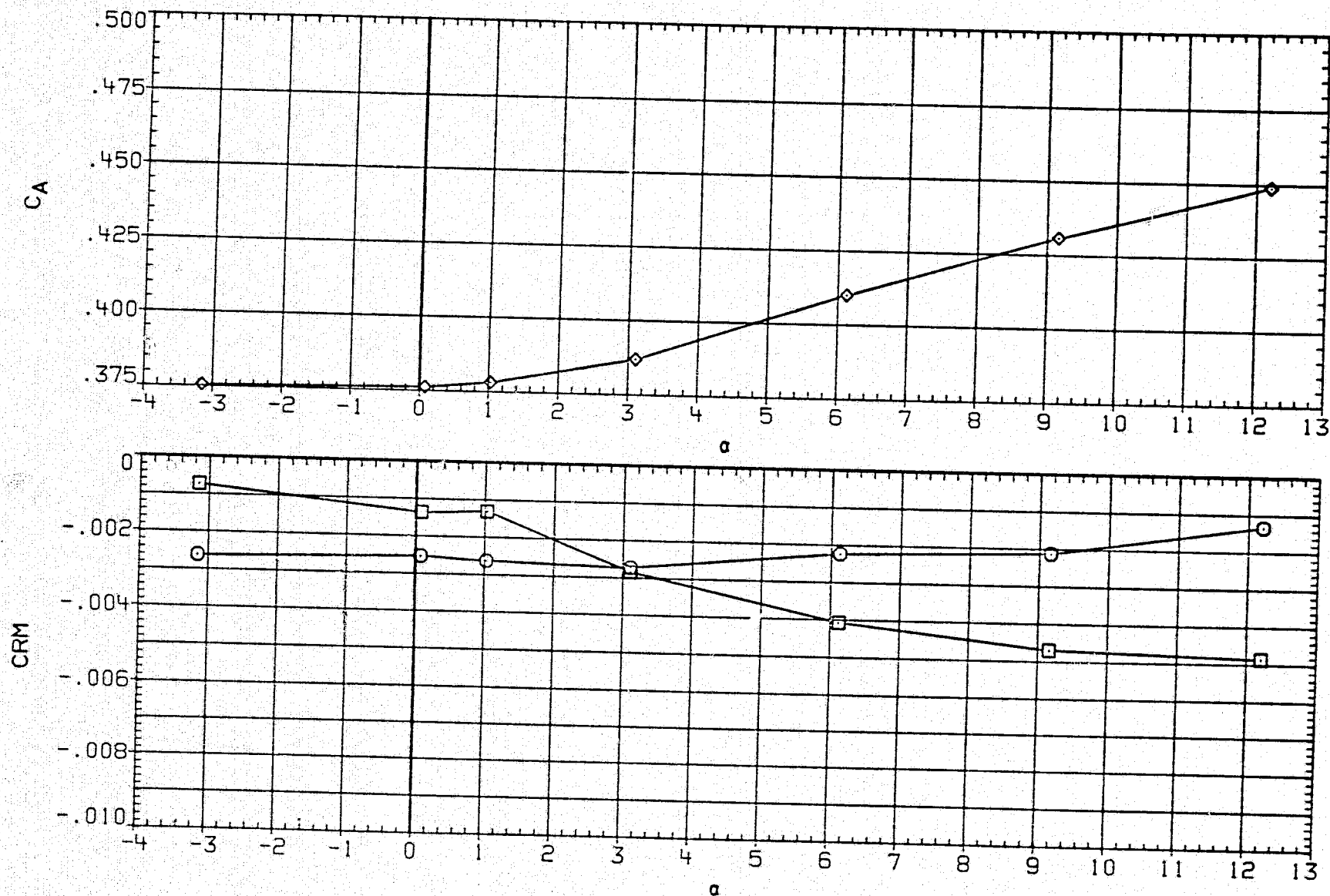


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ120) CONFIGURATION 9 (FN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.500 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 15.000 D4 15.000
△	CMB	D1-3 .000 D2-4 15.000
		PHI-C .000

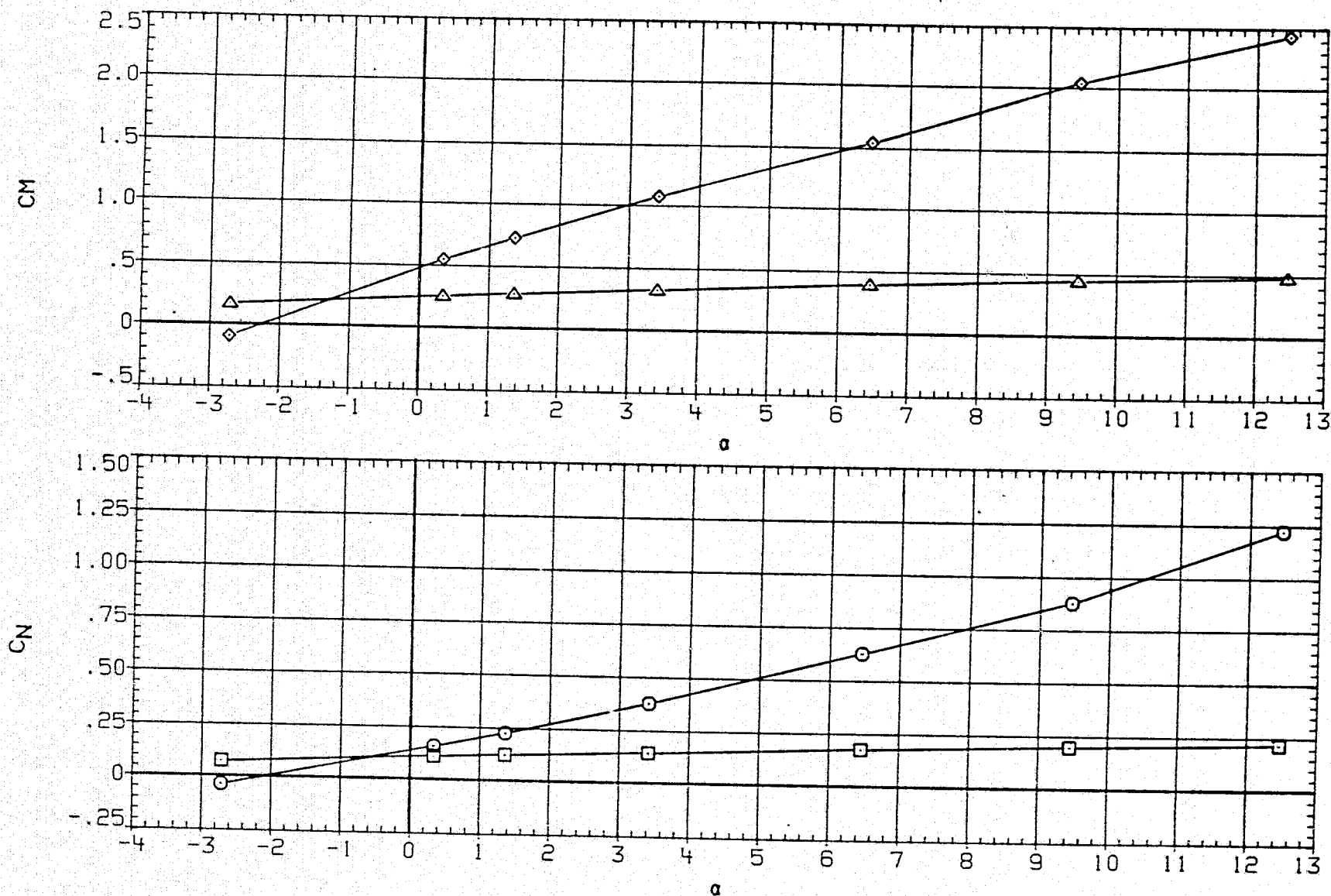


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ120) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.993 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 15.000 D4 15.000
△	CMB	D1-3 .000 D2-4 15.000
	PHI-C	.000

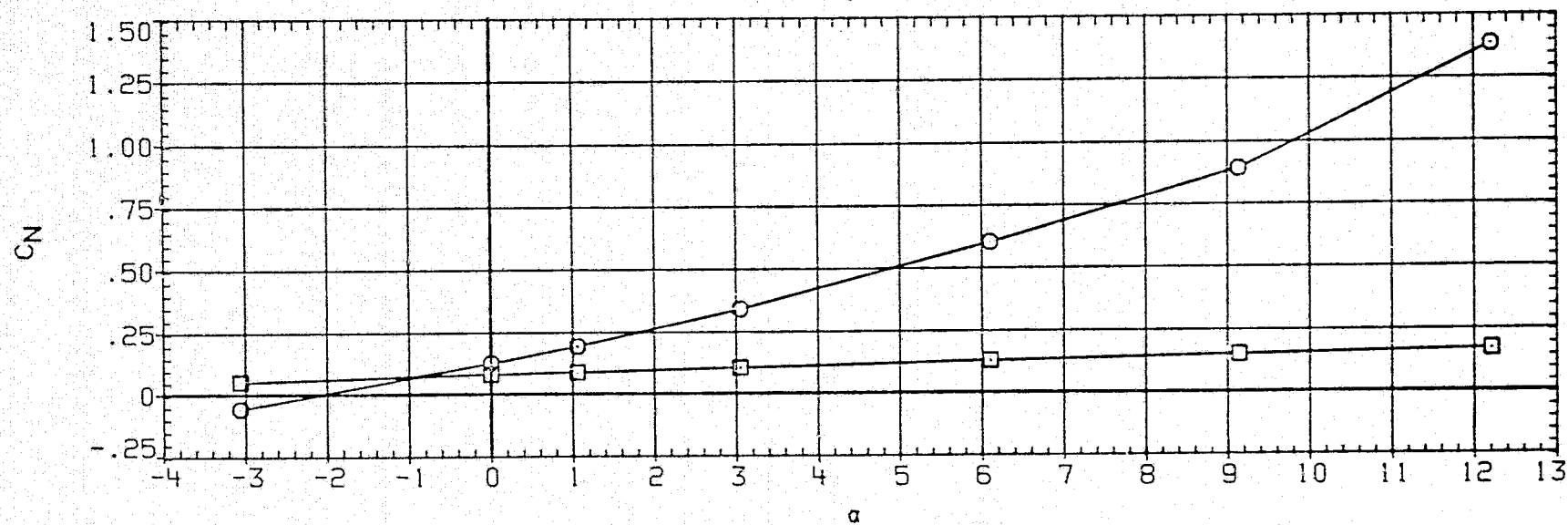
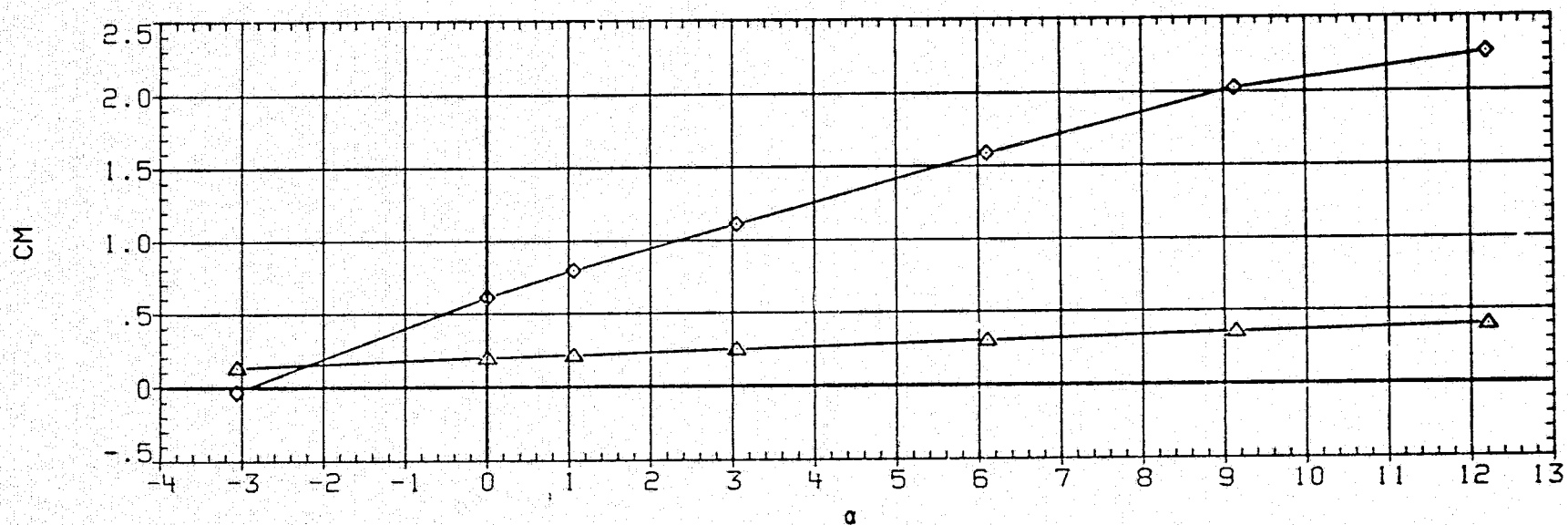


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ120) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.500 BETA .000
□	CYB	D1 .000 D3 .000
△	CYM	D2 15.000 D4 15.000
△	CYMB	D1-3 .000 D2-4 15.000
		PHI-C .000

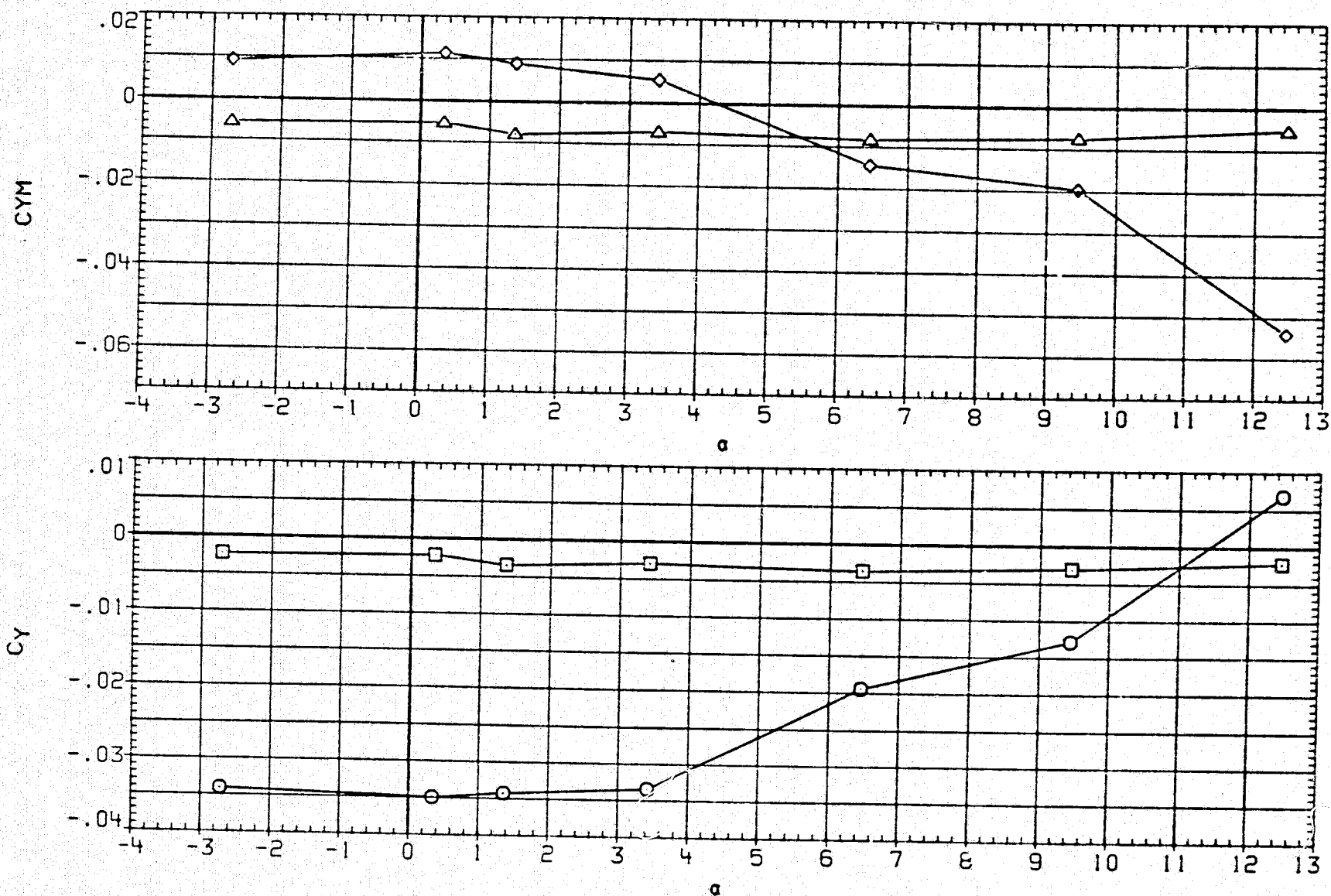


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ120) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CY	1.993		.000	
□	CYB	.000		.000	
◇	CYM	15.000		.000	
△	CYMB	.000		15.000	
		D1-3		D2-4	
		PHI-C	.000	15.000	

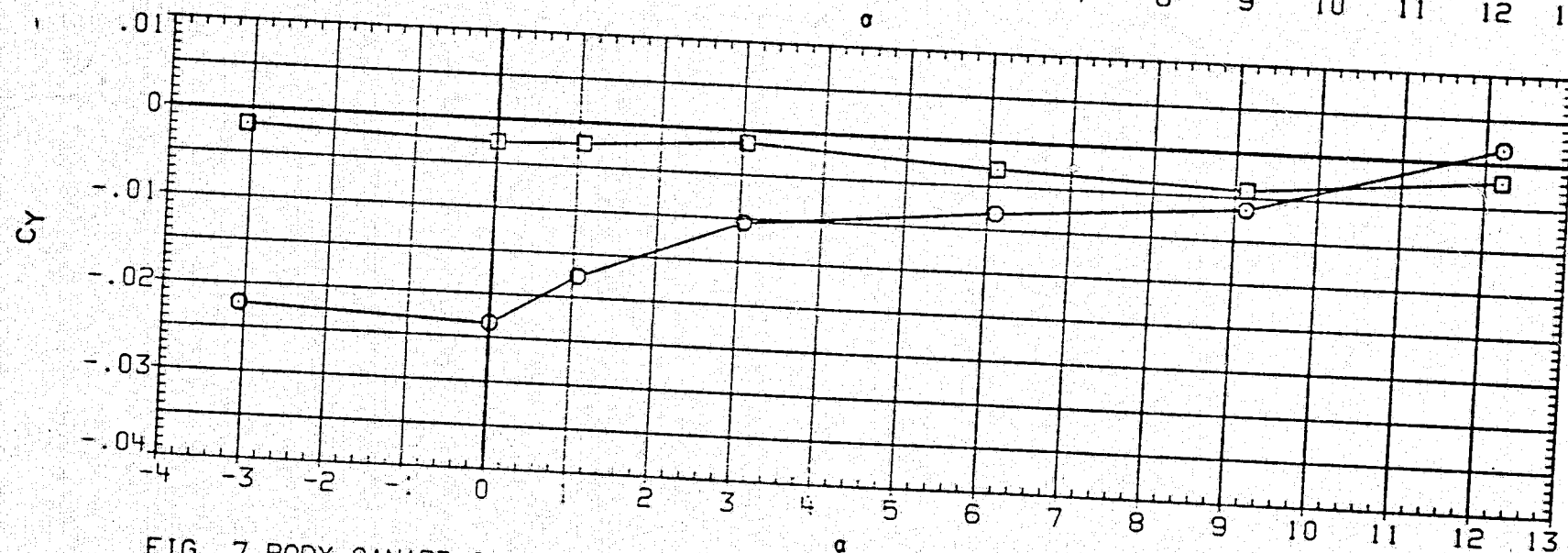
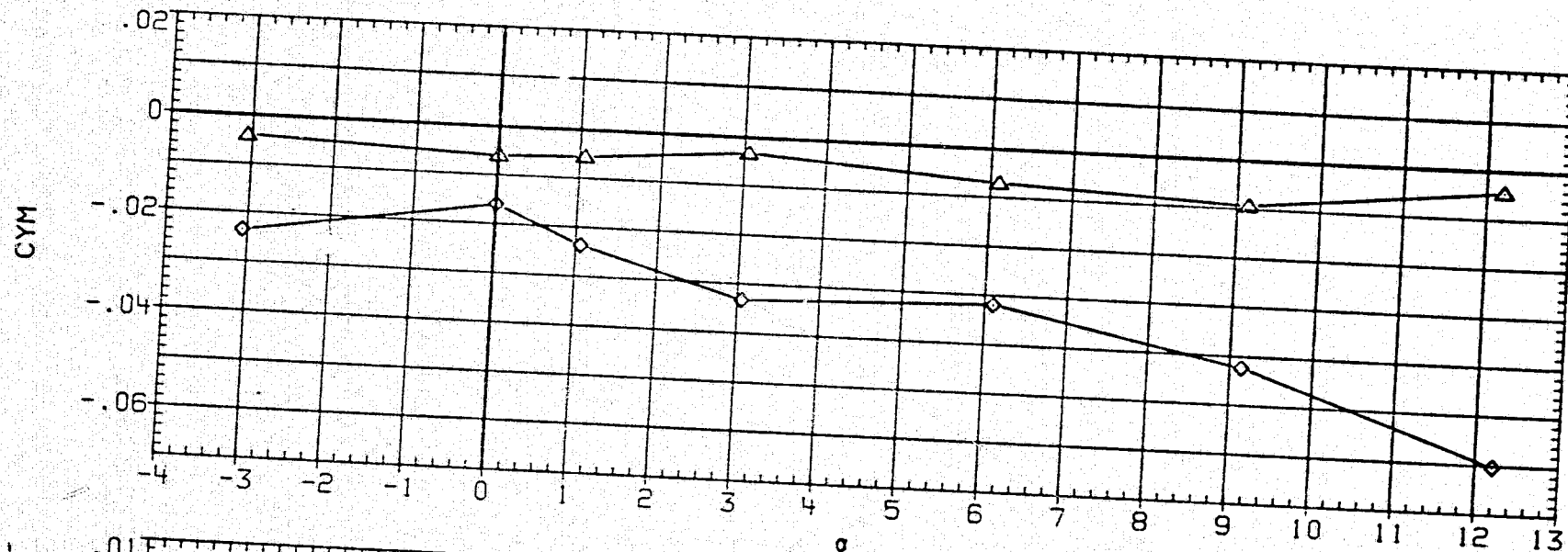


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ120) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.500 BETA .000
□	CRMB	D1 .000 D3 .000
◇	CA	D2 15.000 D4 15.000
		D1-3 .000 D2-4 15.000
		PHI-C .000

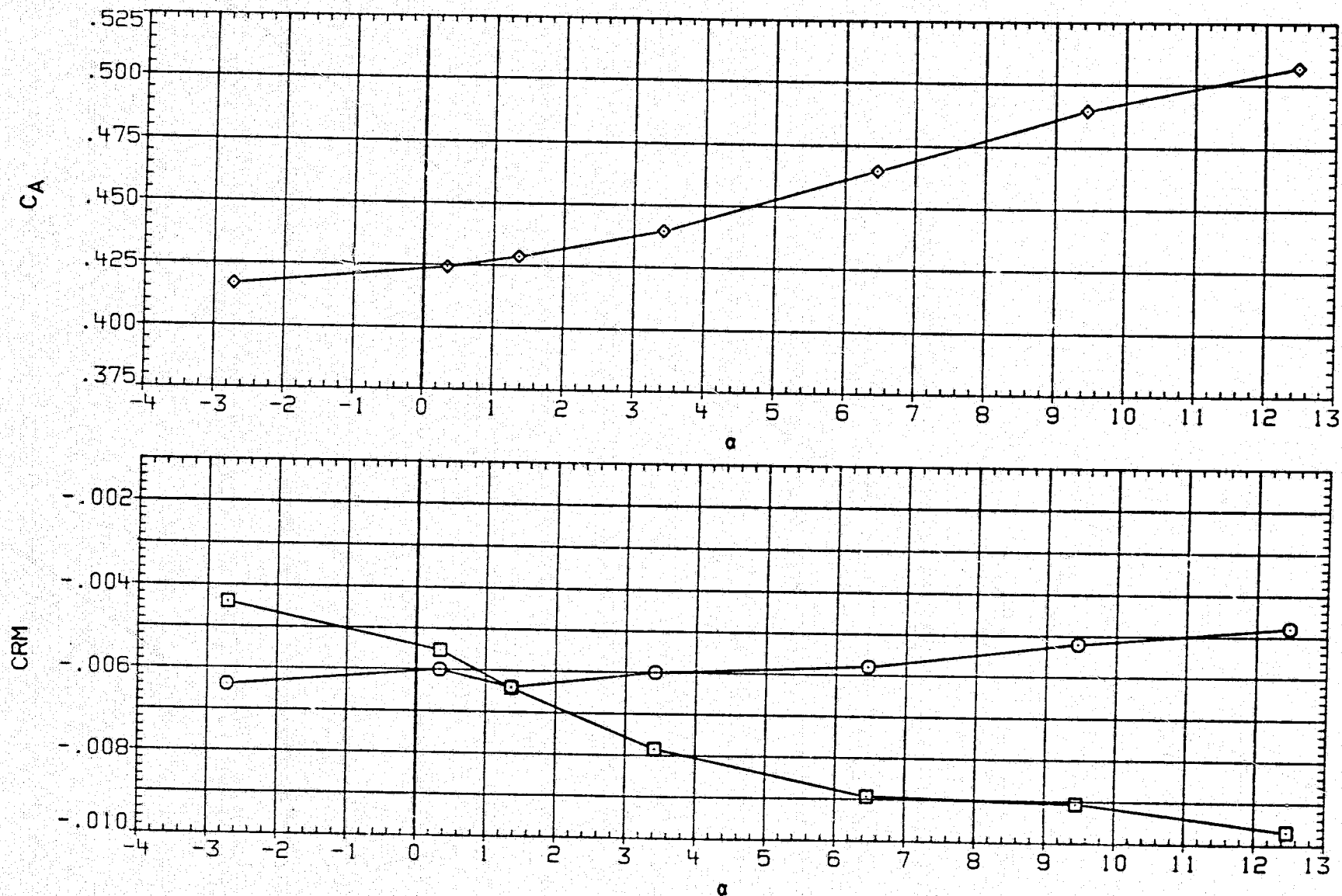


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ120) CONFIGURATION 9 (BN2C1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.993 BETA .000
□	CRMB	D1 .000 D3 .000
◇	CA	D2 15.000 D4 15.000
		D1-3 .000 D2-4 15.000
		PHI-C .000

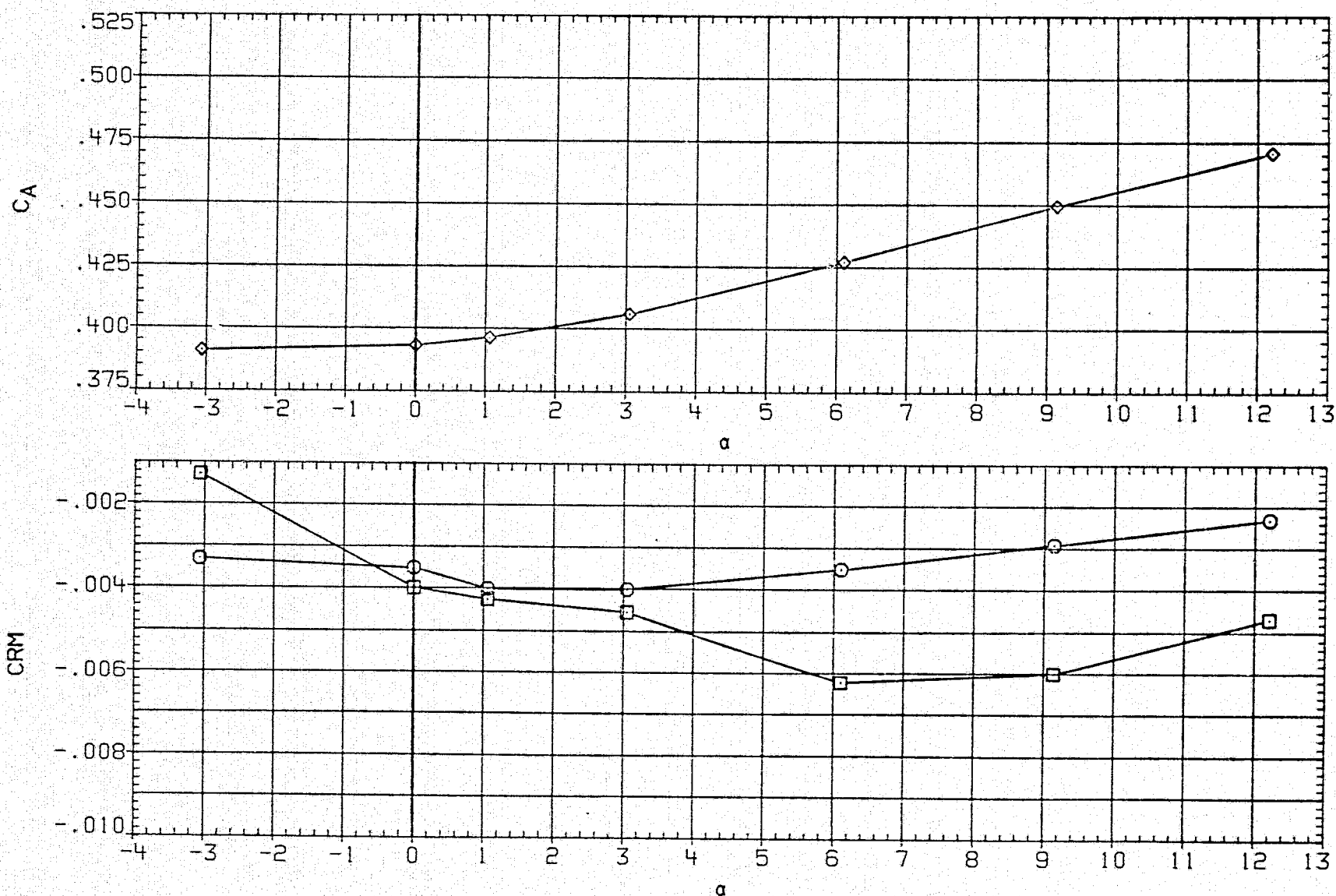


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ274) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.499 BETA .000
□	CNS	D1 .000 D3 .000
◇	CM	D2 -3.000 D4 -3.000
△	CMB	D1-3 .000 D2-4 -3.000
		PHI-C .000

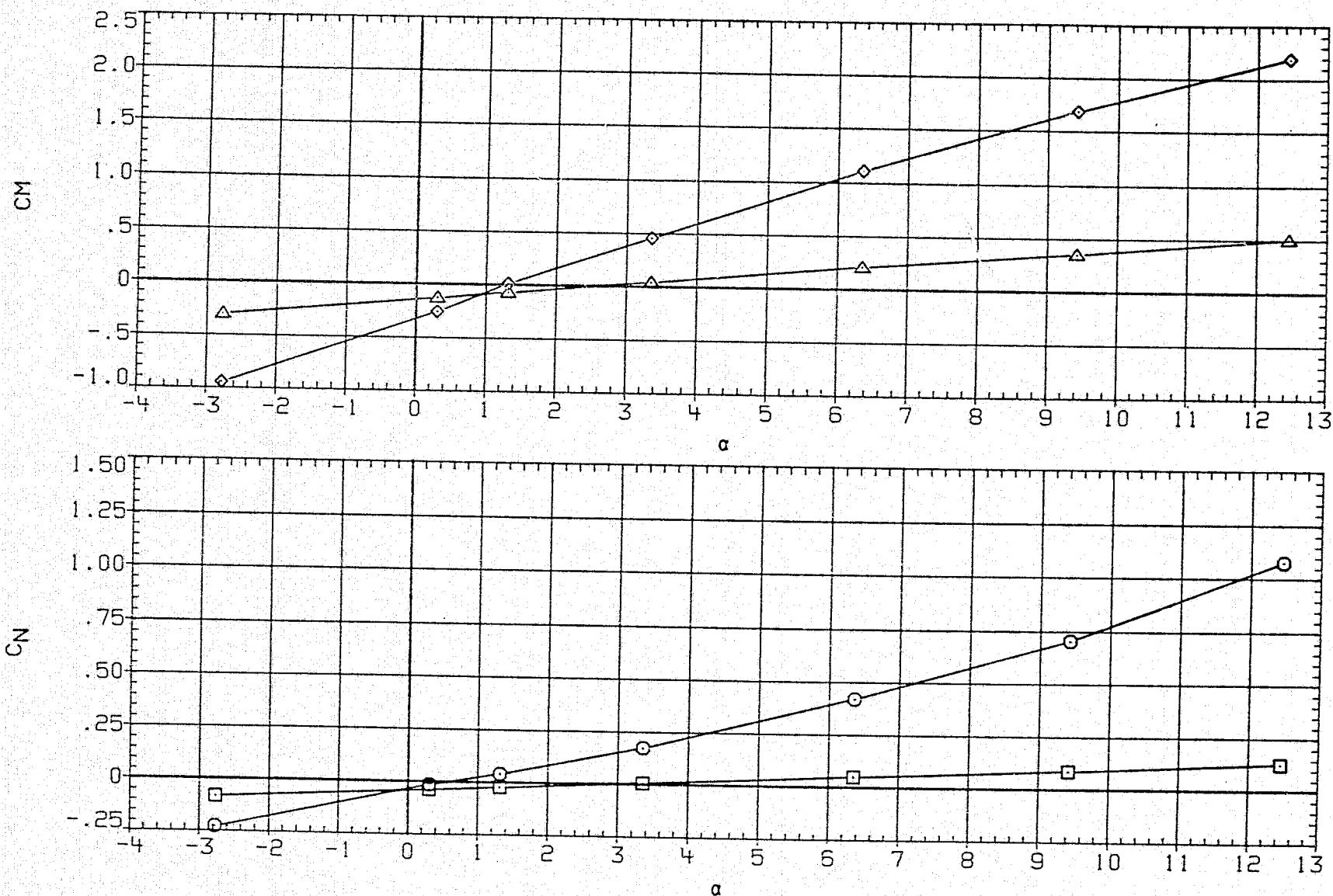


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ274) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.999 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 -3.000 D4 -3.000
△	CMB	D1-3 .000 D2-4 -3.000
	PHI-C	.000

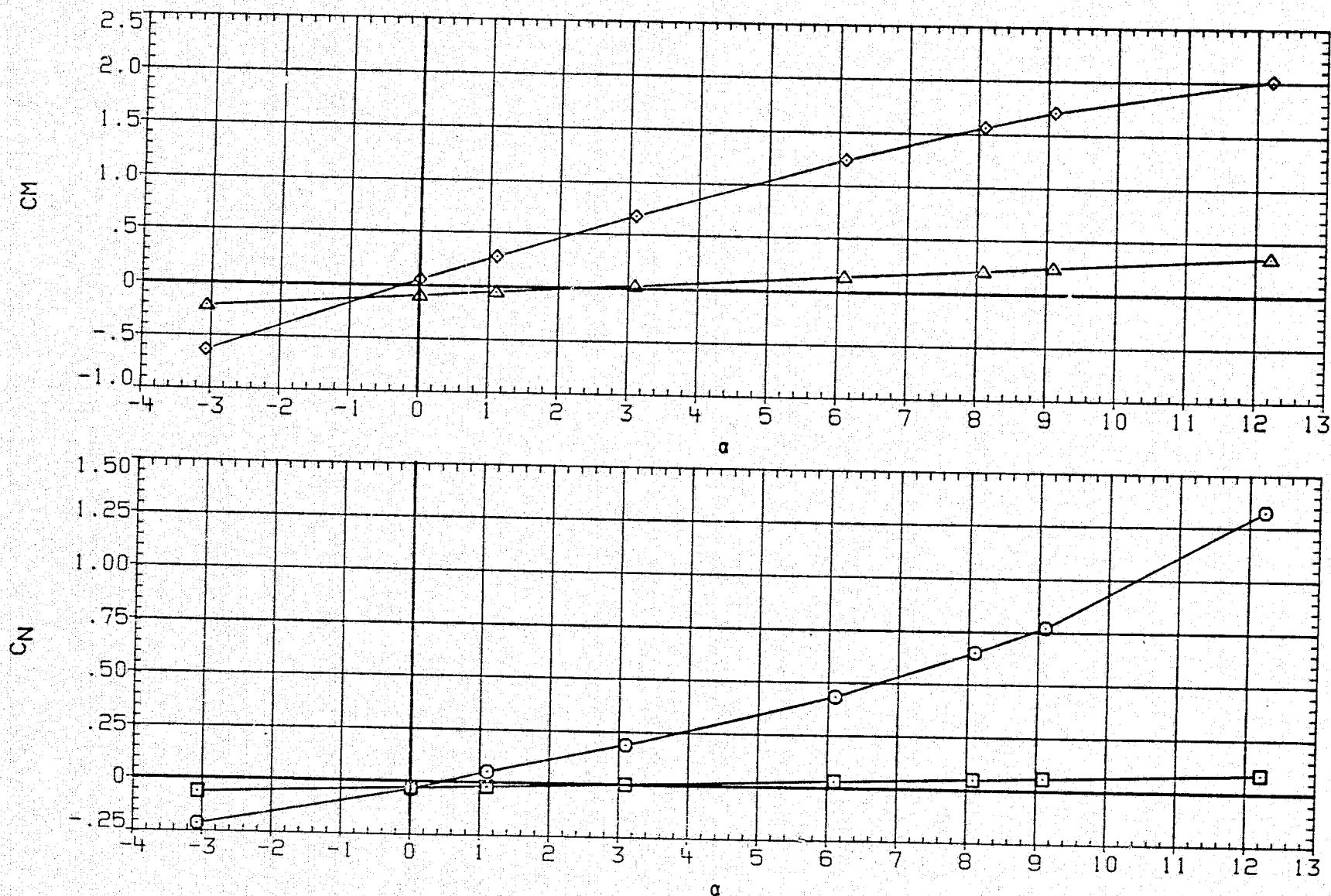


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ274) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.499 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 -3.000 D4 -3.000
△	CYMB	D1-3 .000 D2-4 -3.000
		PHI-C .000

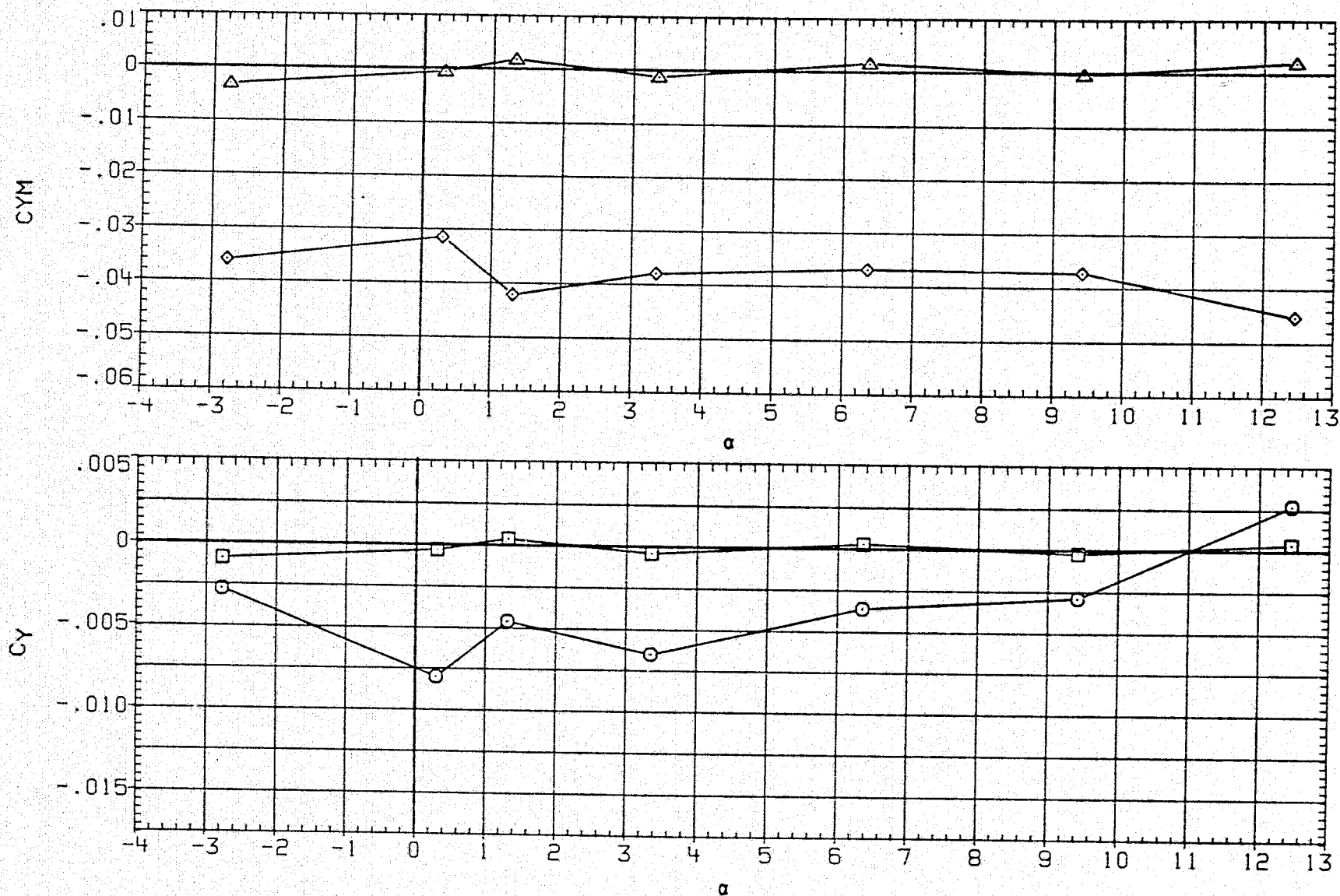


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ274) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CY	D1	1.999	03	.000
□	CYB	D2	.000	04	.000
◇	CYM	D1-3	-3.000	02-4	-3.000
△	CYMB	PHI-C	.000		-3.000

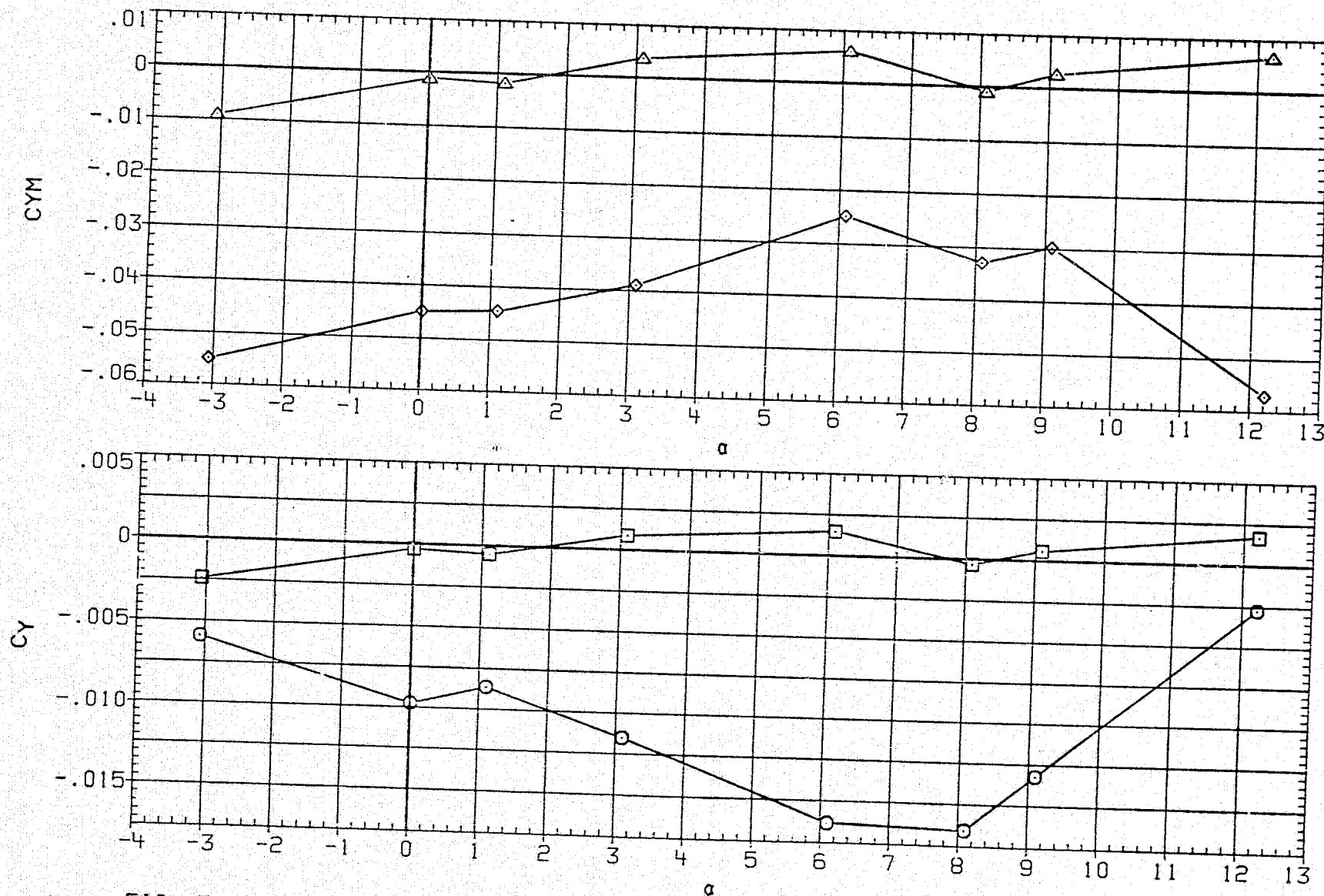


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ274) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.499 BETA .000
□	CRMB	D1 .000 D3 .000
◇	CA	D2 -3.000 D4 -3.000
		D1-3 .000 D2-4 -3.000
		PHI-C .000

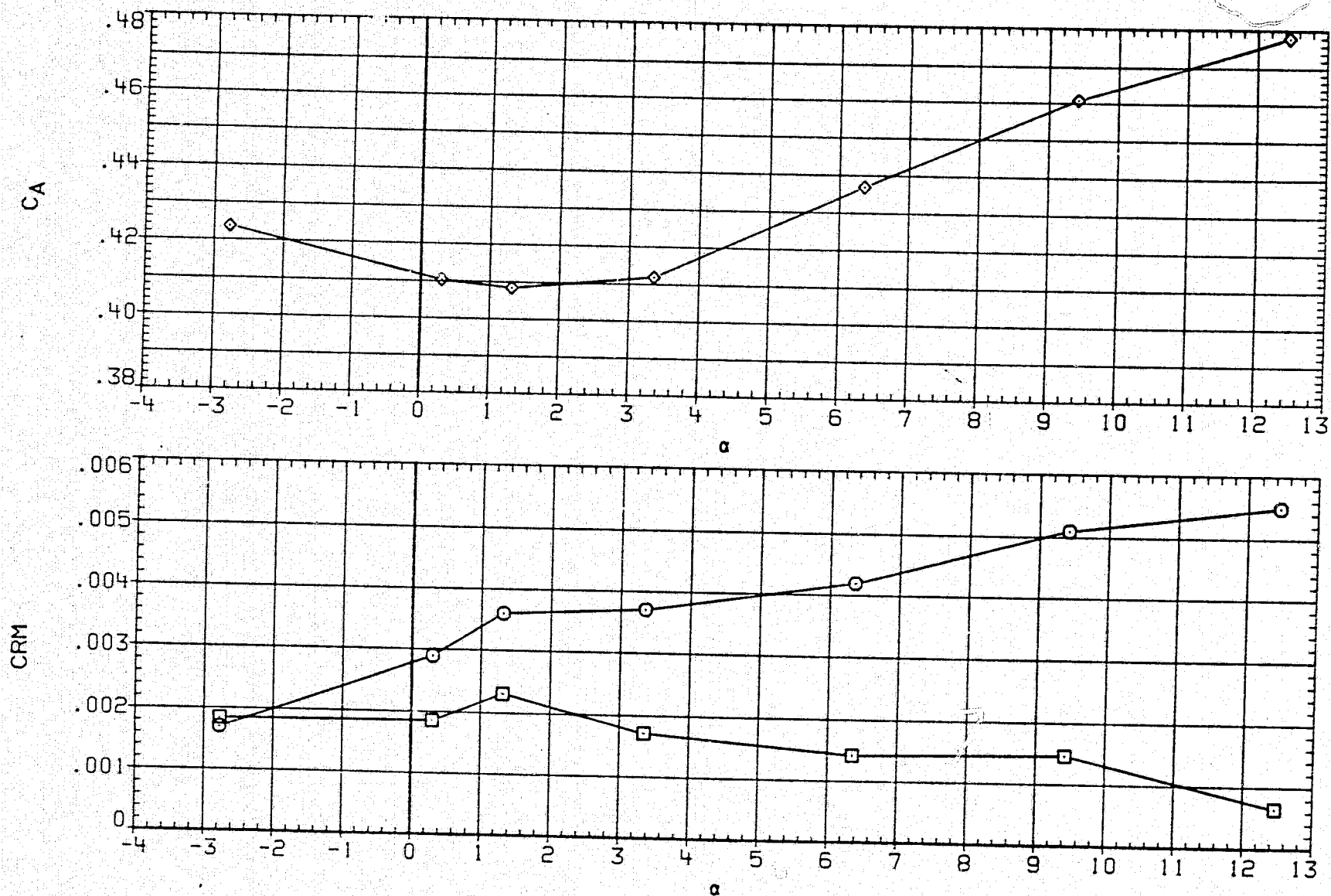


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ274) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.999
□	CRM	D1 .000
◇	CA	D2 -3.000
		D1-3 .000
		PHI-C .000
		BETA .000
		D3 .000
		D4 -3.000
		D2-4 -3.000

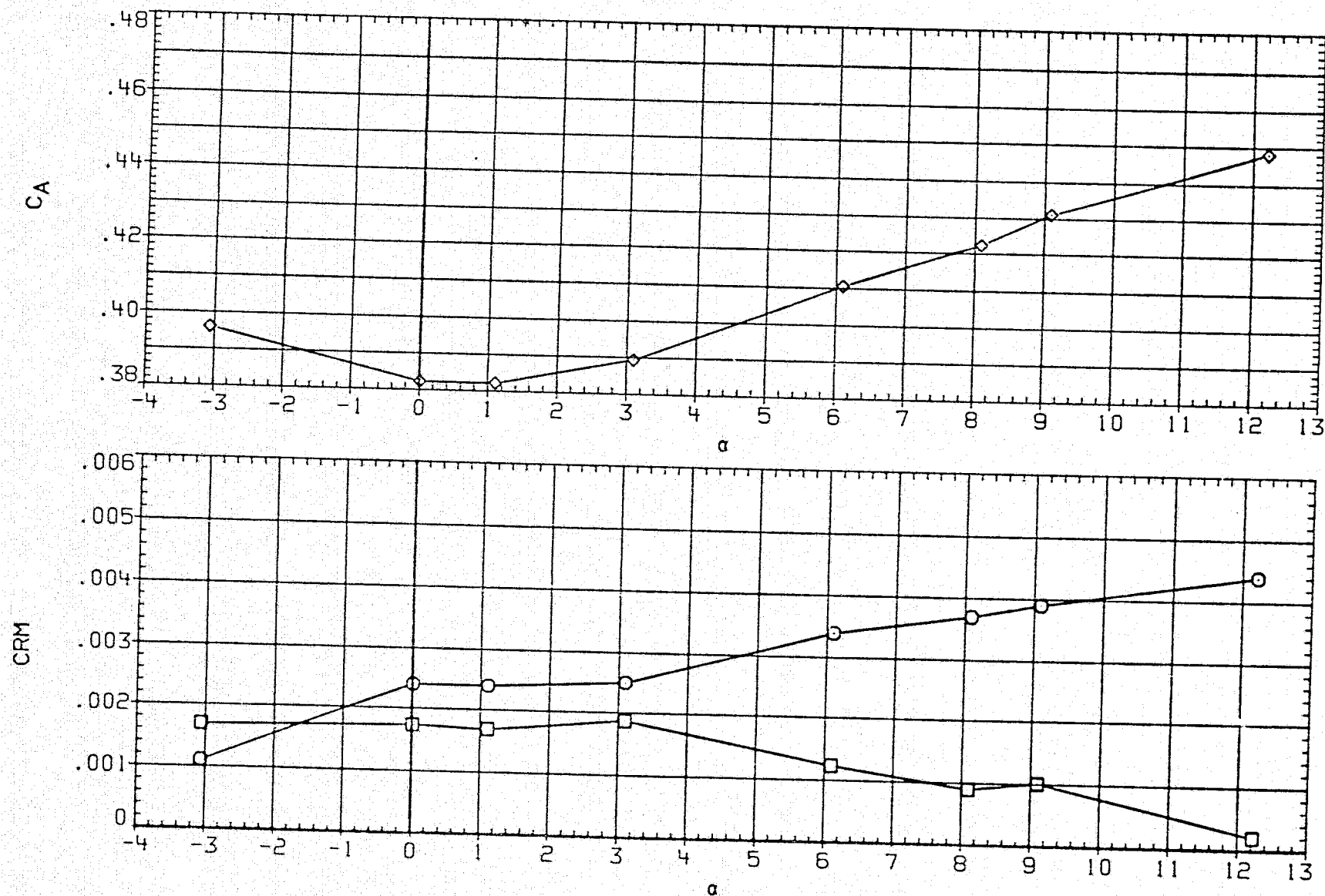


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ275) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.500 BETA .000
□	CNB	D1 .000 D3 .000
◇	C11	D2 .000 D4 .000
△	CM	D1-3 .000 D2-4 .000
		PHI-C .000

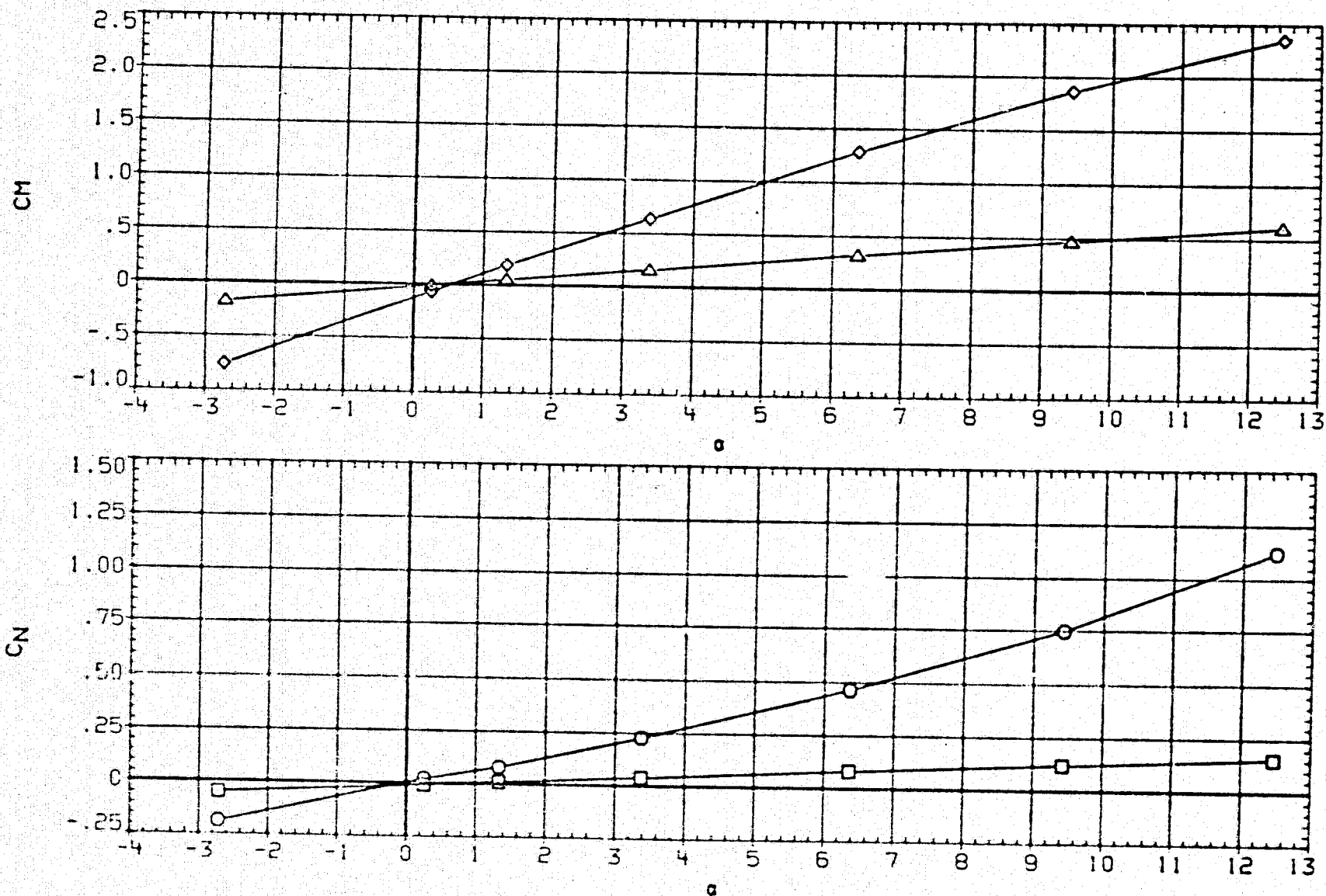


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ275) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.997 BETA .000
□	CNS	D1 .000 D3 .000
◇	CM	D2 .000 D4 .000
△	CMS	D1-3 .000 D2-4 .000
		PHI-C .000

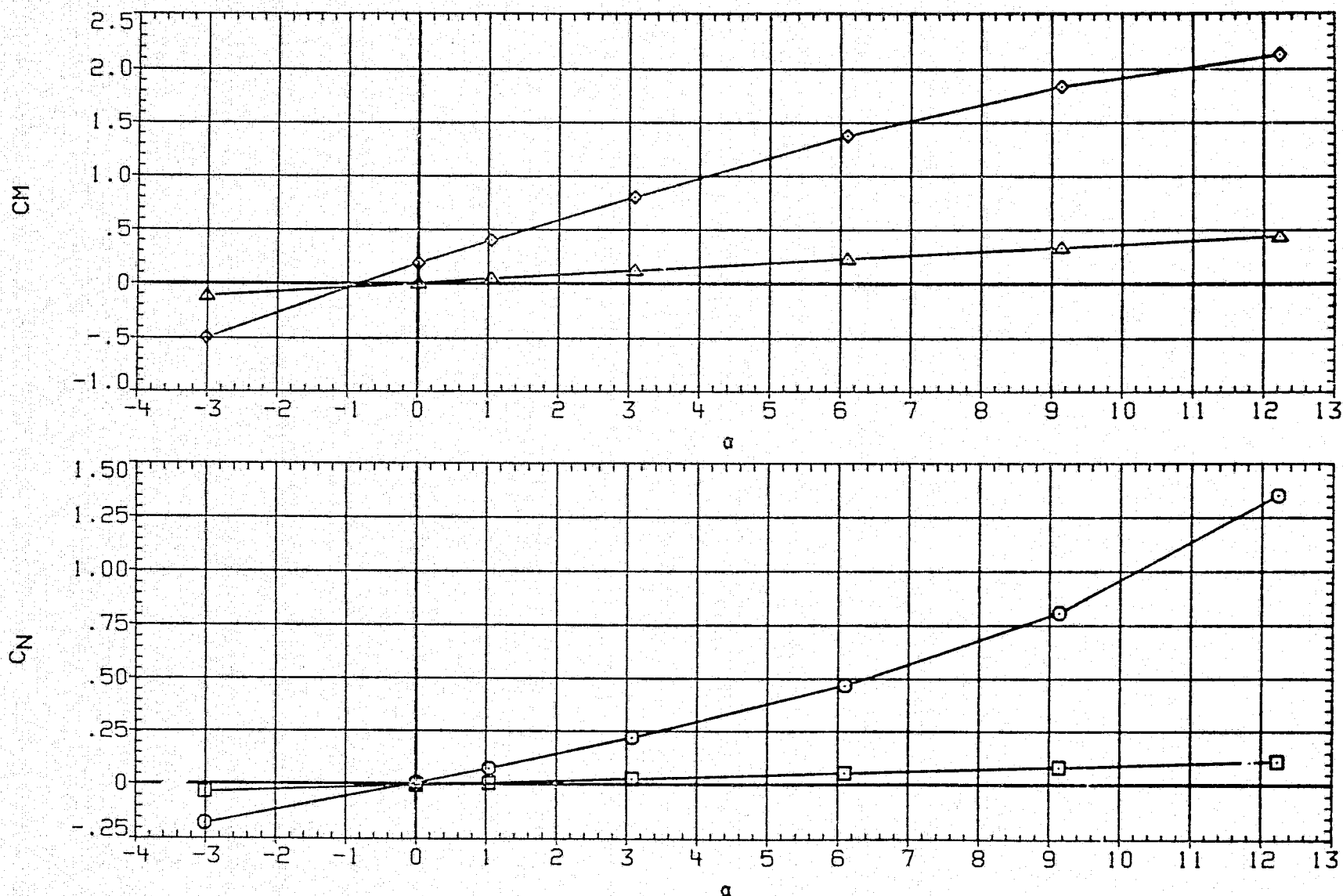


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ275) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CY	1.500	D1	.000	.000
□	CYB	.000	D2	.000	.000
◇	C'M	.000	D1-3	.000	.000
△	CYMB	.000	D2-4	.000	.000
			PHI-C	.000	

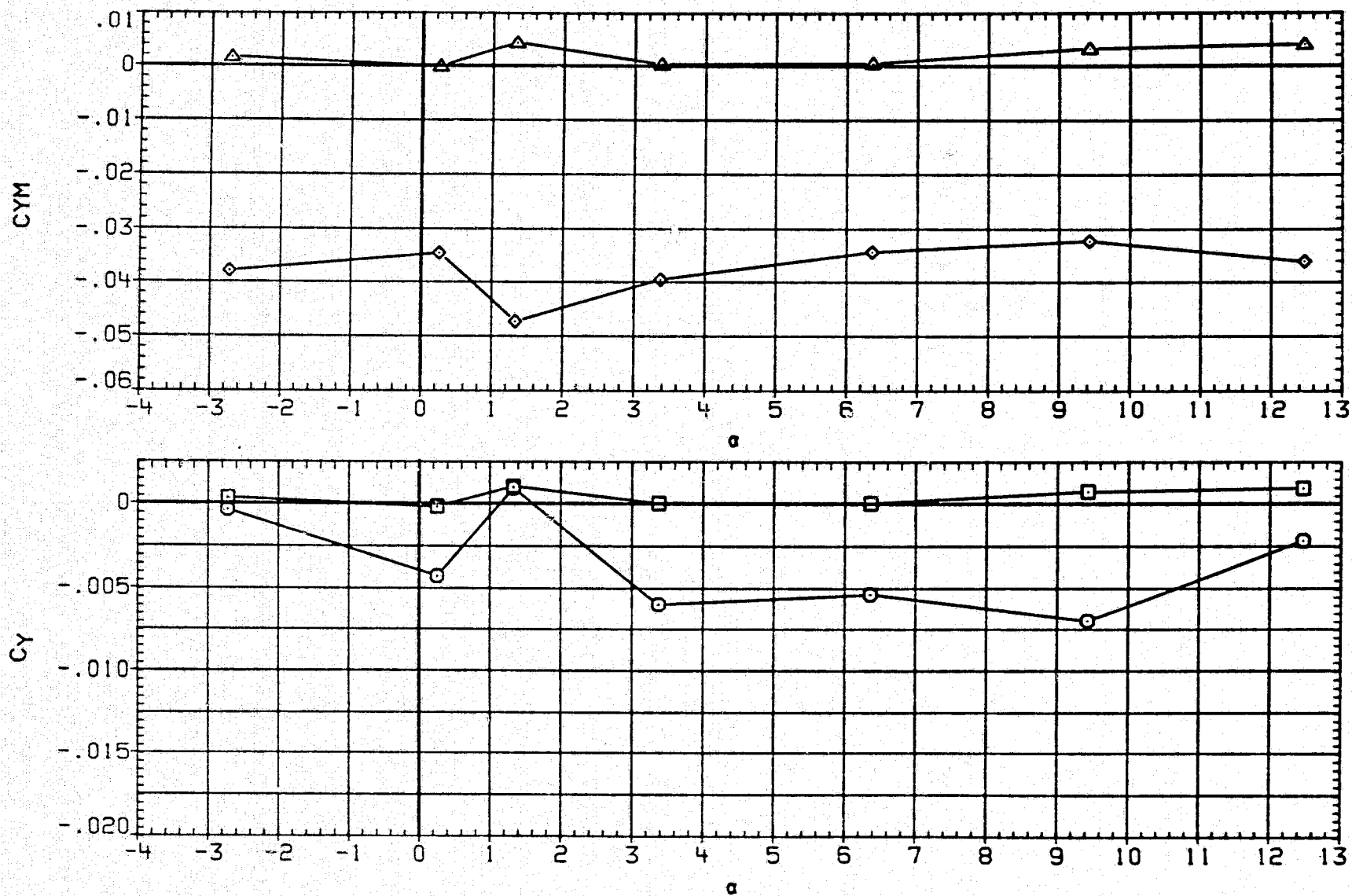


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ275) CONFIGURATION 19 (BN203)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA
○	CY	1.997	D1	.000
□	CYB	.000	D2	.000
◇	CYM	.000	D1-3	.000
△	CYMB	.000	D2-4	.000
		PHI-C	.000	

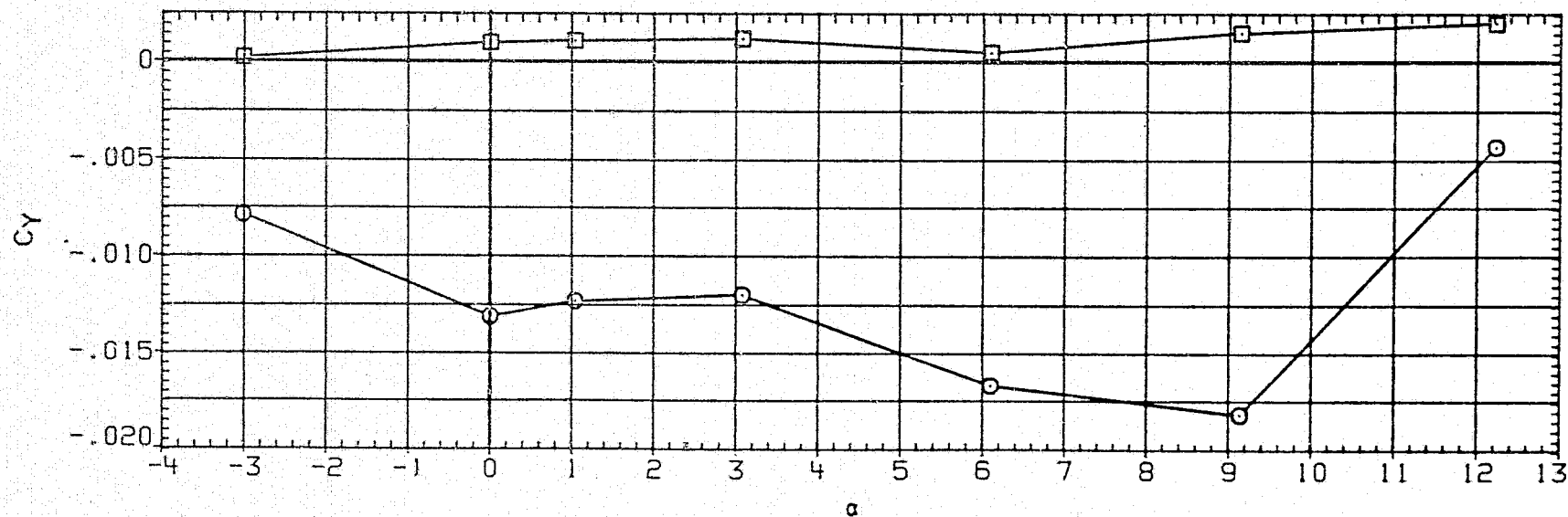
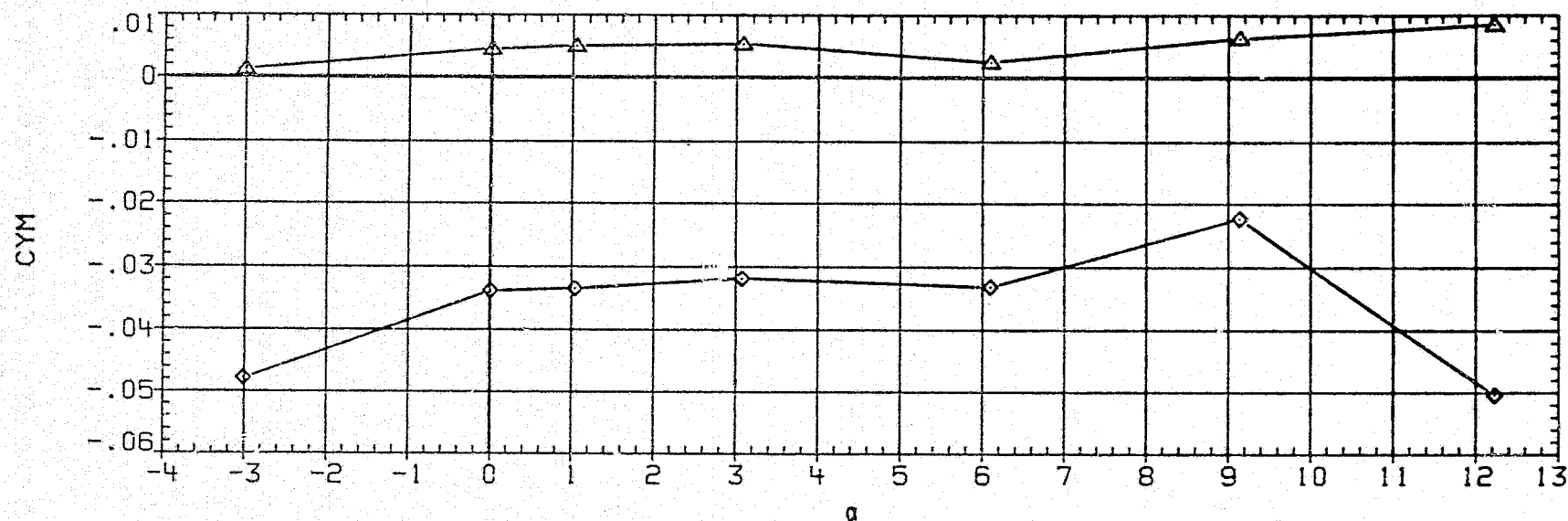


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ275) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CRM	01	1.533	03	.000
□	CRM _B	02	.000	04	.000
◇	CA	01-3	.000	02-4	.000
		PHI-C	.000		

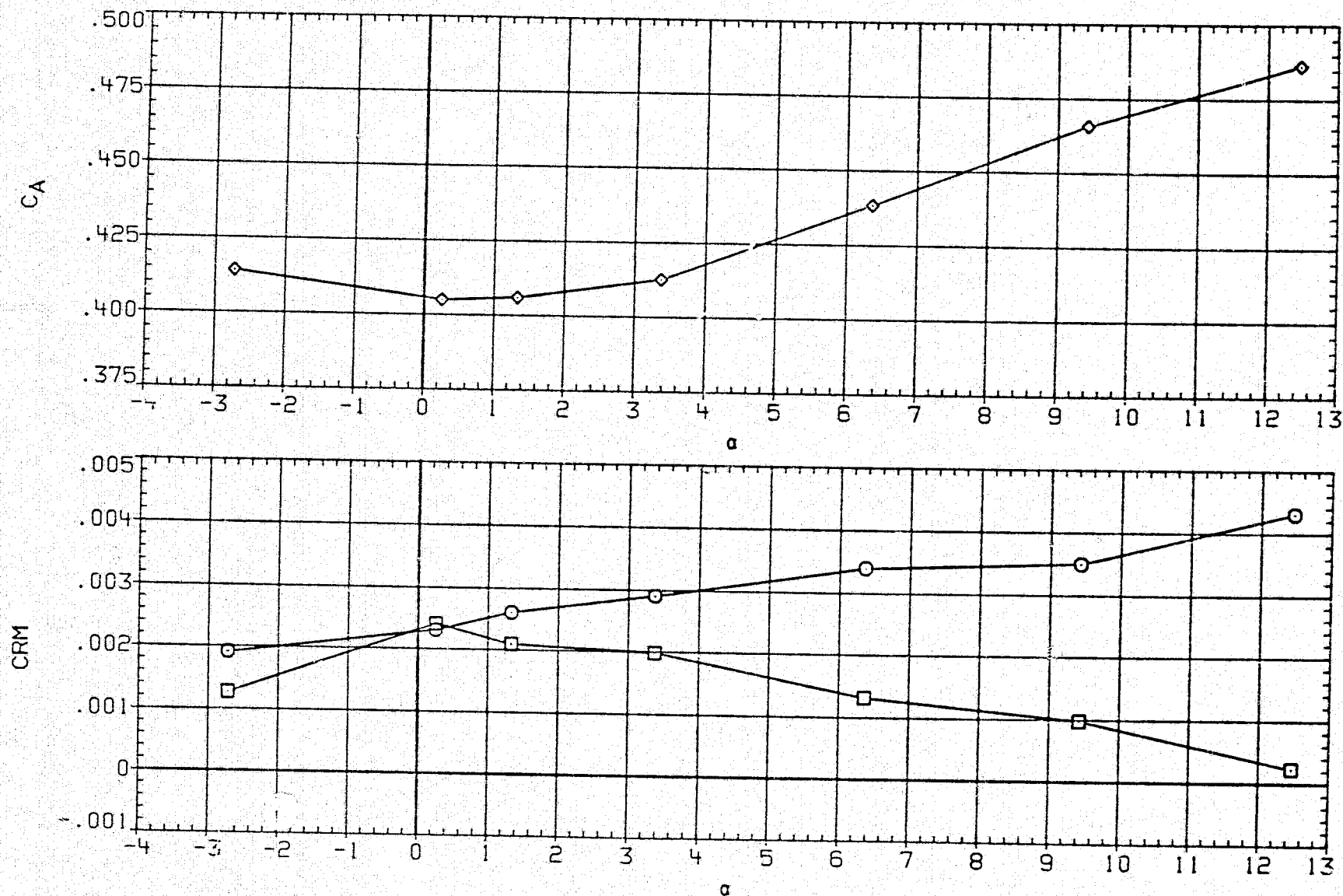


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ275) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.997 BETA .000
□	CRMB	D1 .000 D3 .000
◇	CA	D2 .000 D4 .000
		D1-3 .000 D2-4 .000
		PHI-C .000

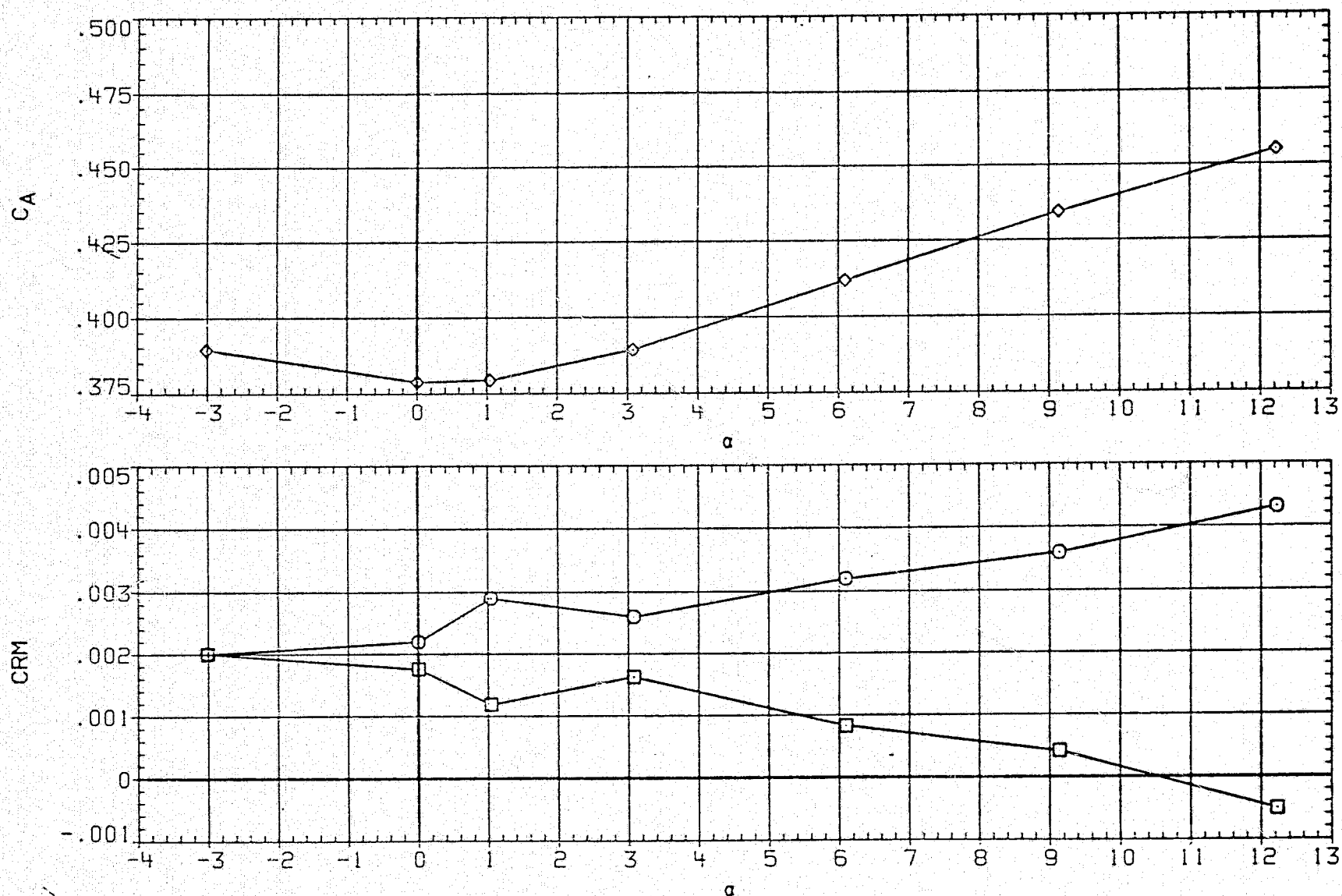


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ276) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.498 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 1.000 D4 1.000
△	CM	D1-3 .000 D2-4 1.000
	PHI-C	.000

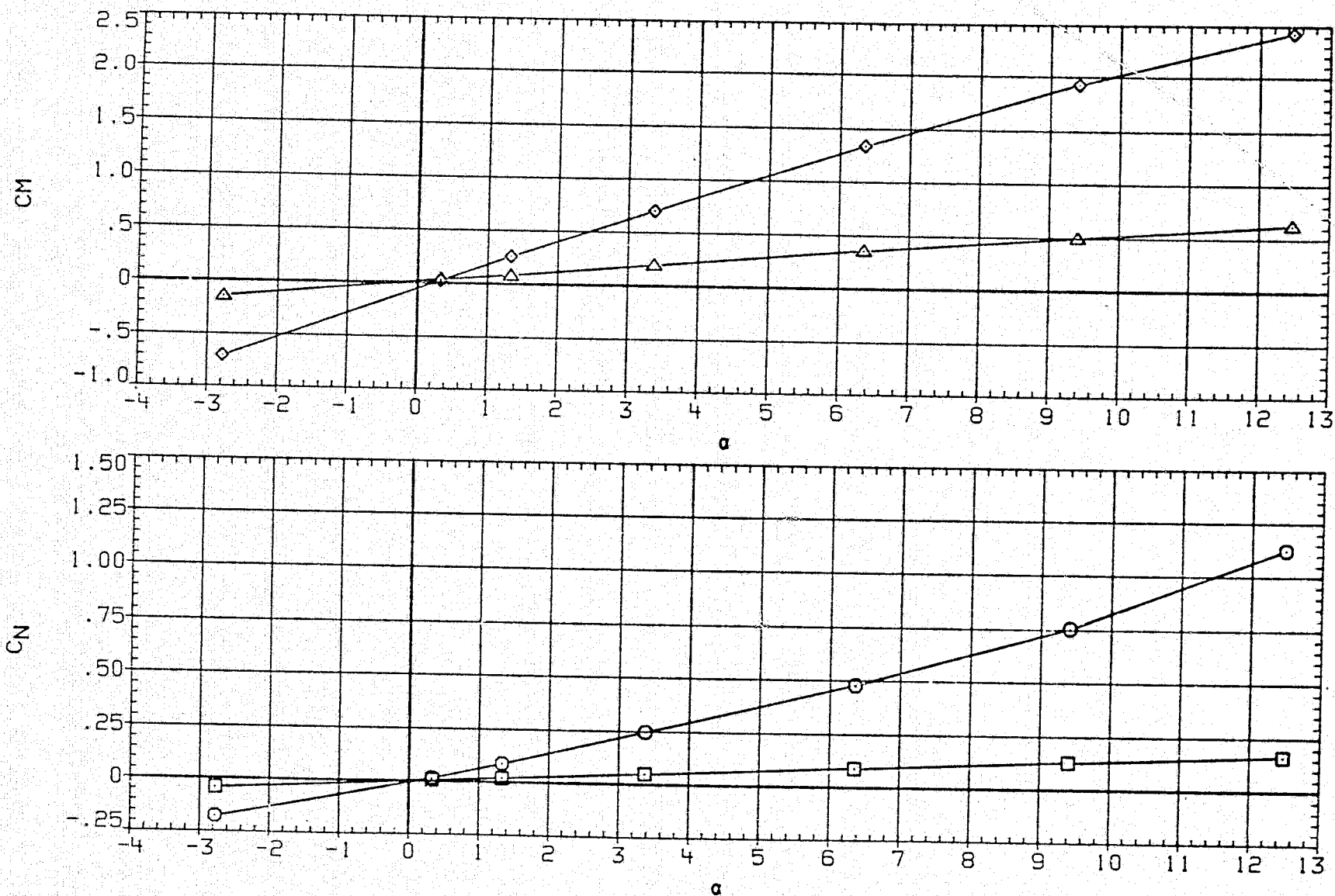


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ276) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.996 BETA .000
□	CNS	D1 .000 D3 .000
◇	CM	D2 1.000 D4 1.000
△	CMB	D1-3 .000 D2-4 1.000
		PHI-C .000

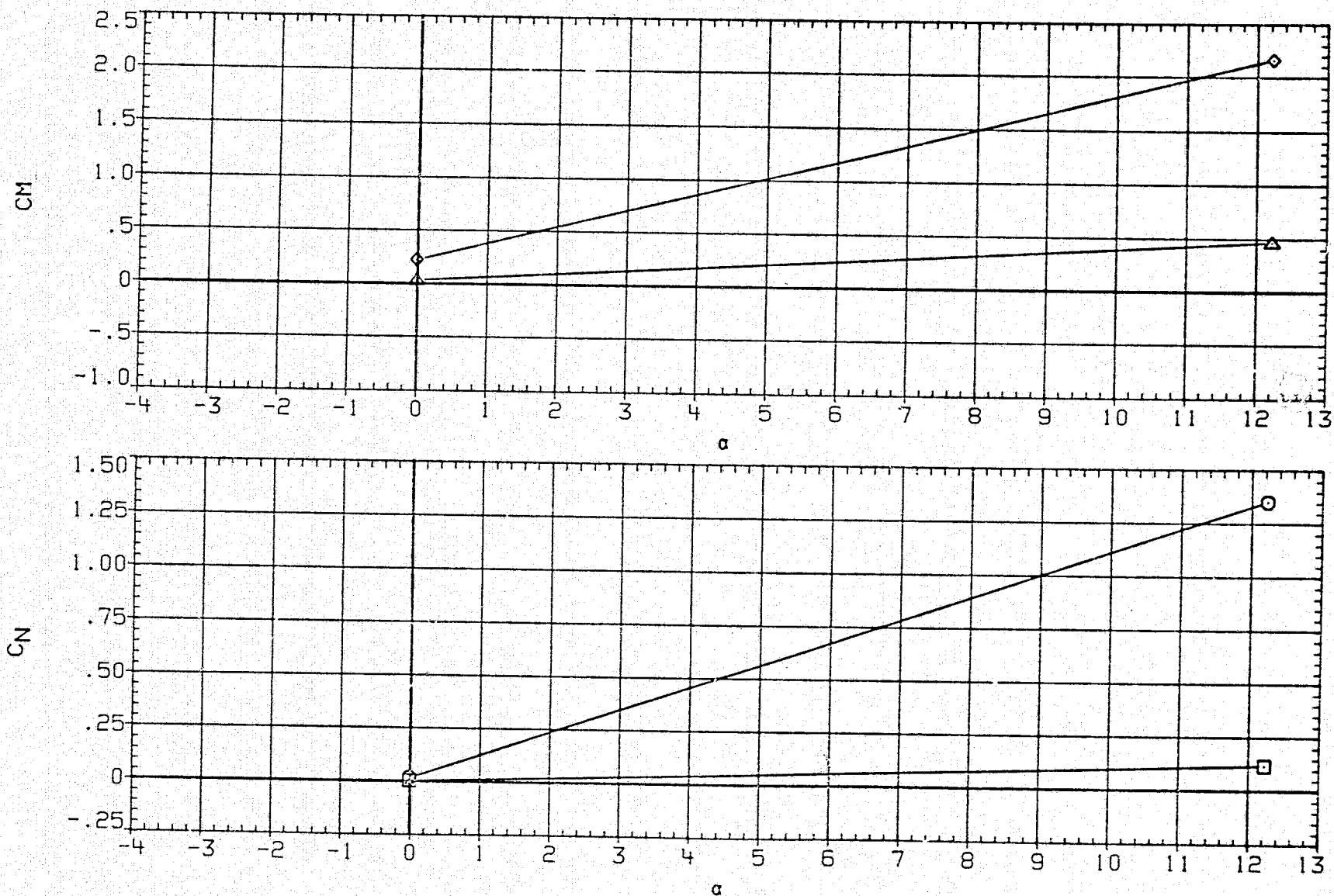


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ276) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.499 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 1.000 D4 1.000
△	CYMB	D1-3 .000 D2-4 1.000
		PHI-C .000

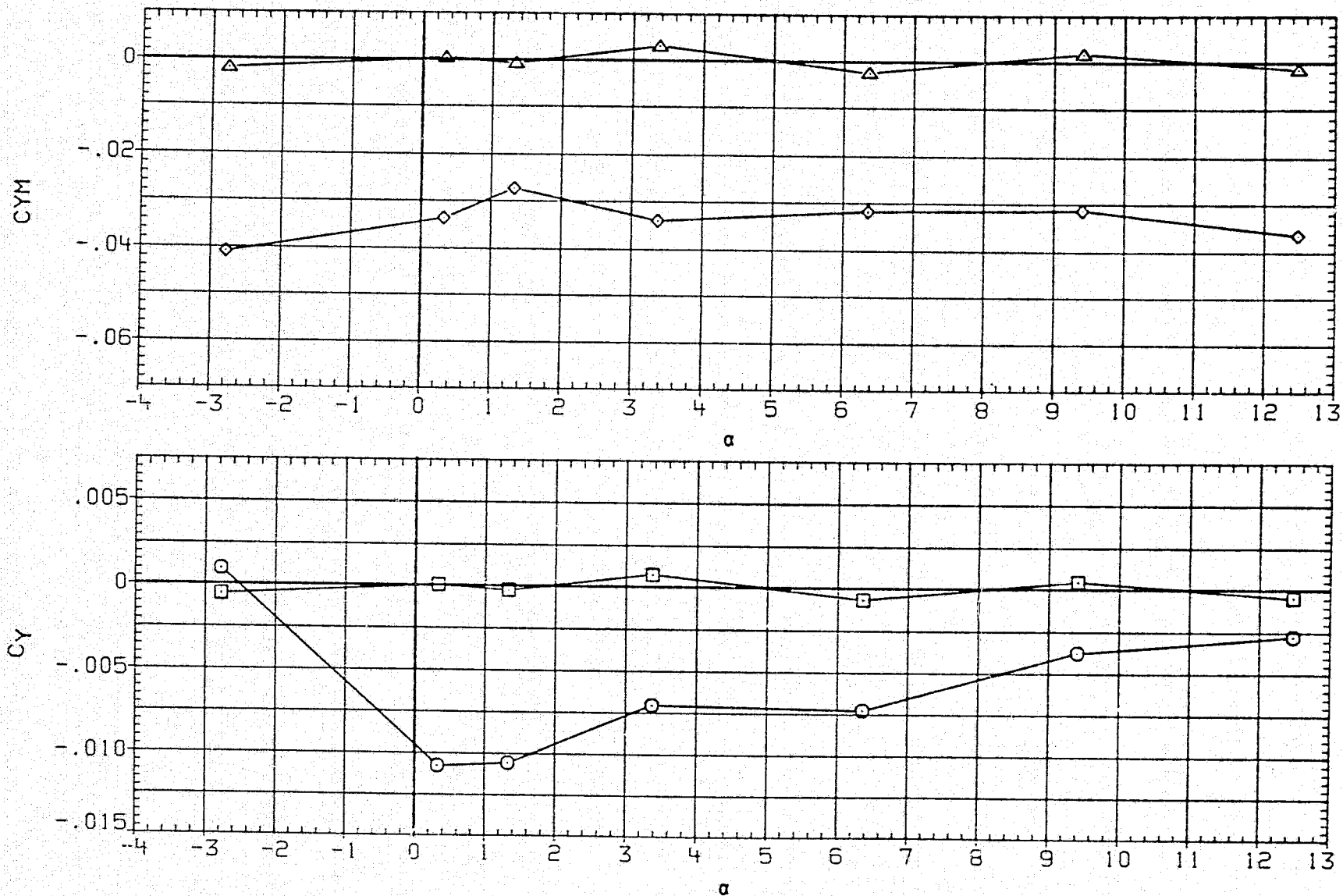


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ276) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.996 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 1.000 D4 1.000
△	CYMB	D1-3 .000 D2-4 1.000
	PHI-C	.000

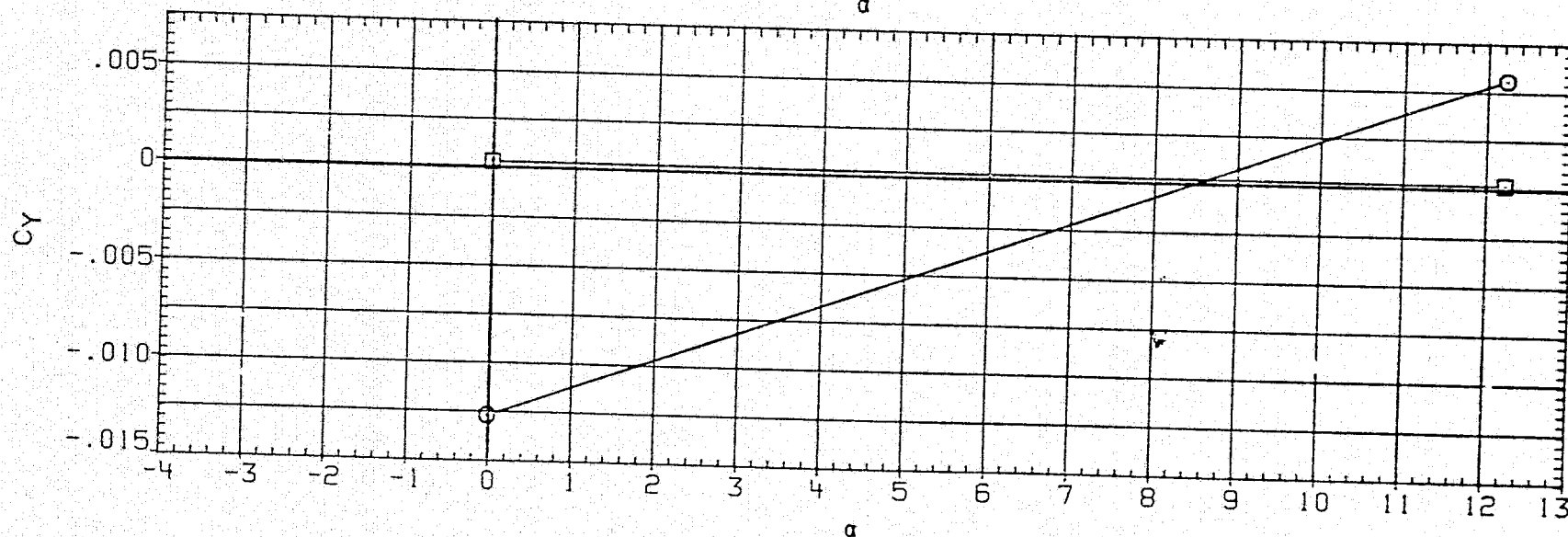
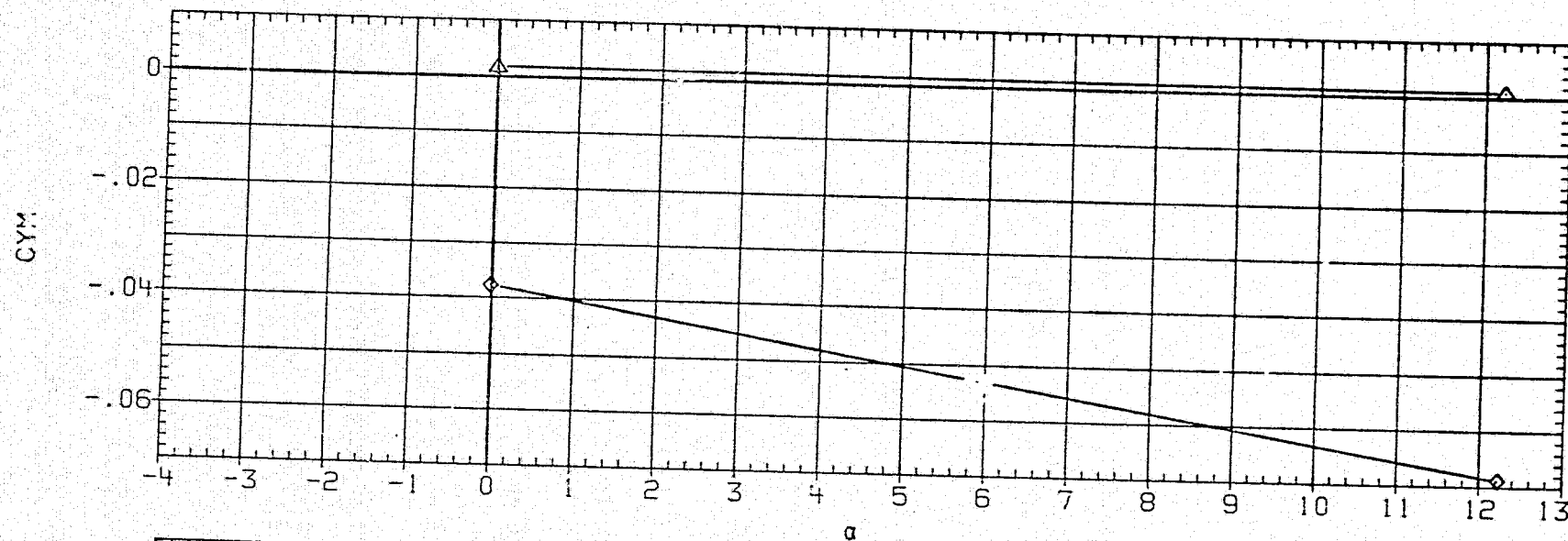


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ276) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.499 BETA .000
□	CRM3	D1 .000 D3 .000
◇	CA	D2 1.000 D4 1.000
		D1-3 .000 D2-4 1.000
		PHI-C .000

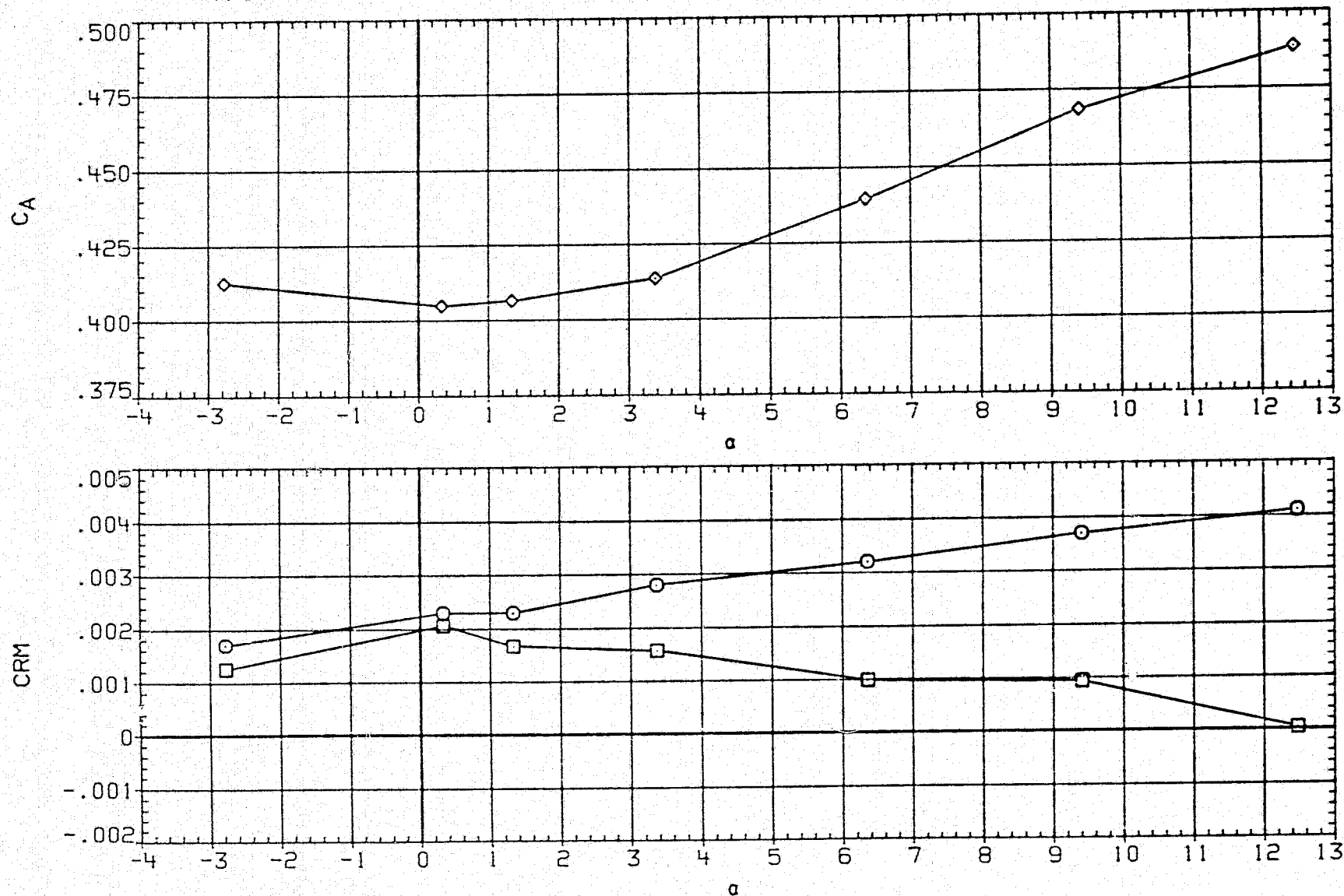


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ276) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
◇	CRM	1.995	D1	.000	
□	CRM _B	.000	D2	.000	
◇	CA	1.000	D1-3	1.000	
		.000	D2-4	1.000	
		.000	PHI-C		

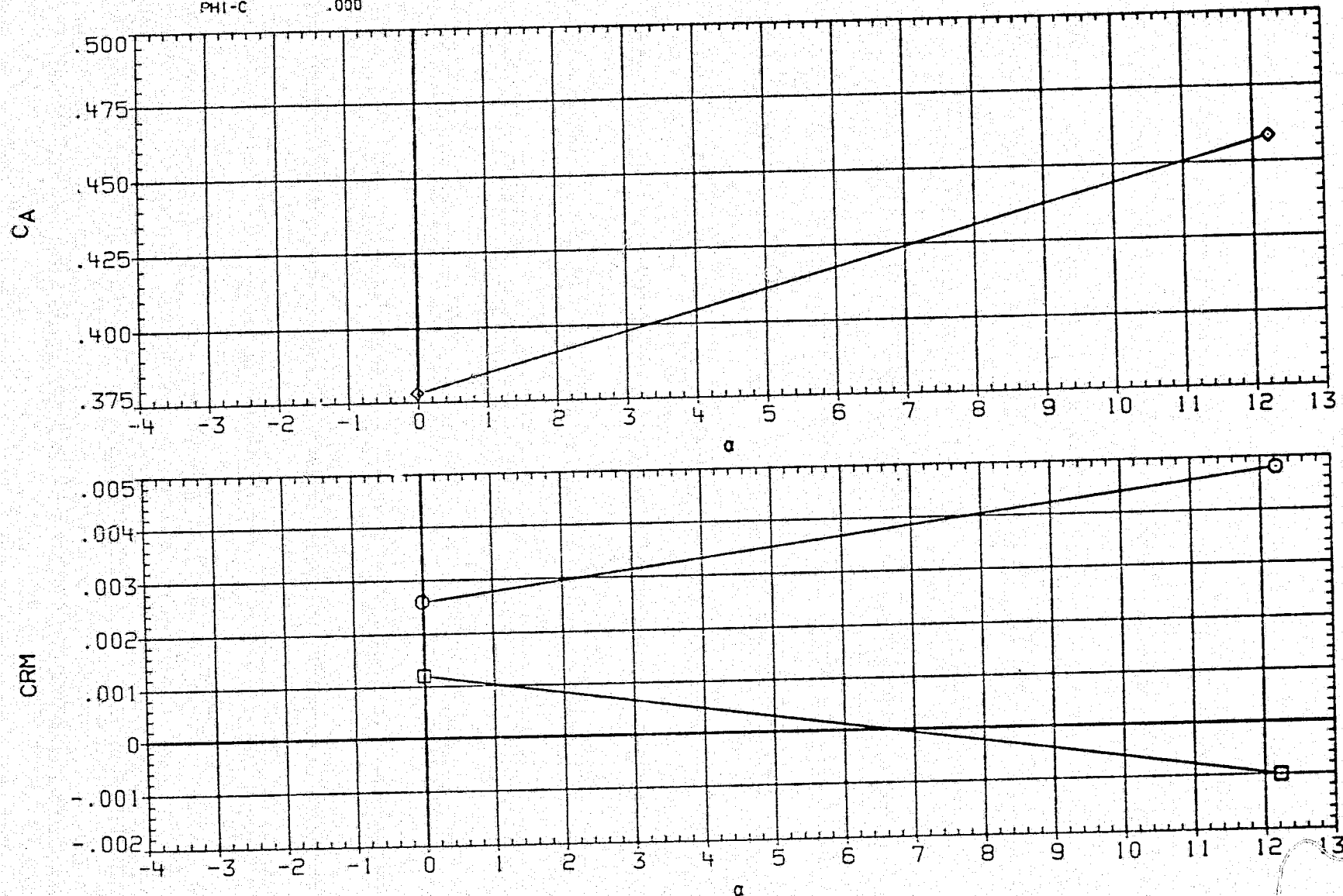


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ277) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.499 BETA .000
□	CNB	D1 .000 D3 .000
△	CM	D2 3.000 D4 3.000
△	CMB	D1-3 .000 D2-4 3.000
		PHI-C .000

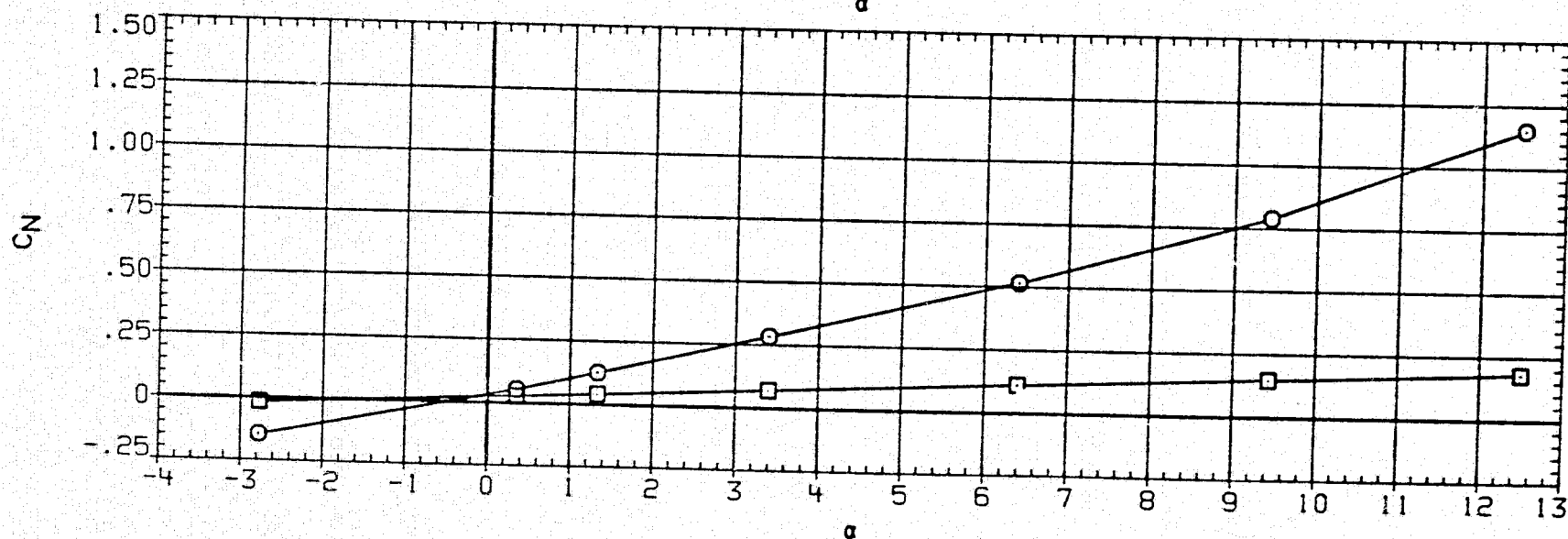
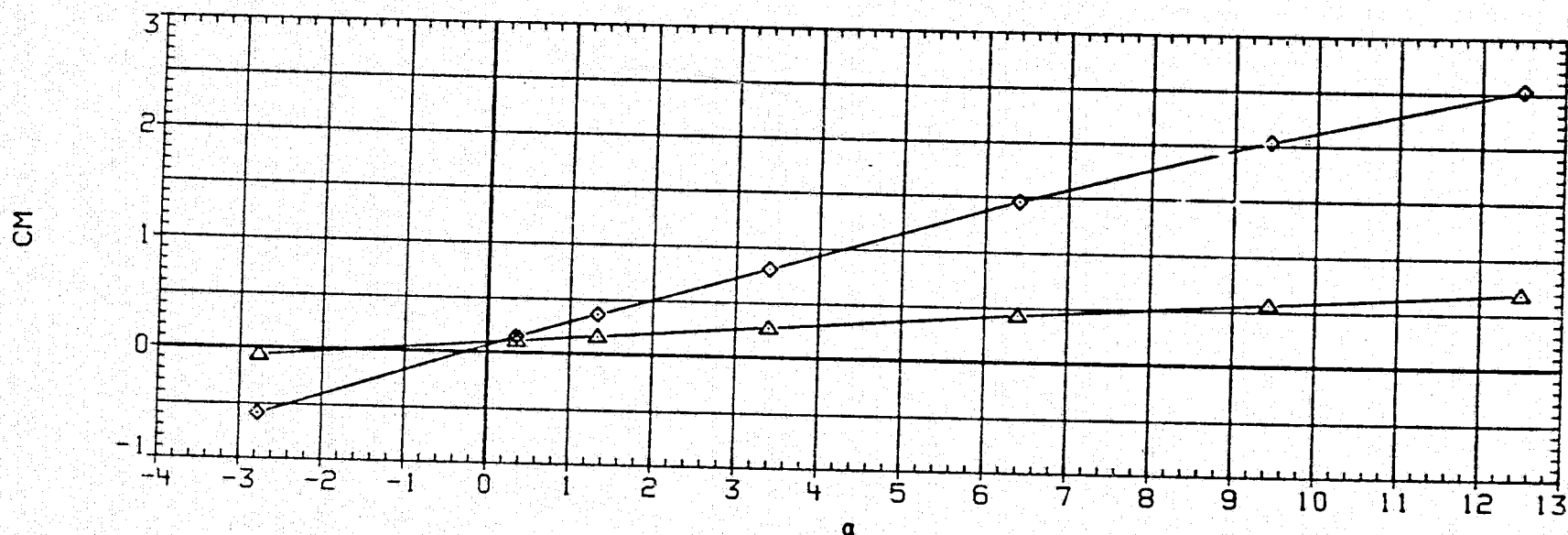


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ277) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
□	CN	01	1.997	03	.000
◇	CNB	02	.000	04	.000
△	CM	03	3.000	05	3.000
◇	CMB	04	.000	06	3.000
		PHI-C	.000		

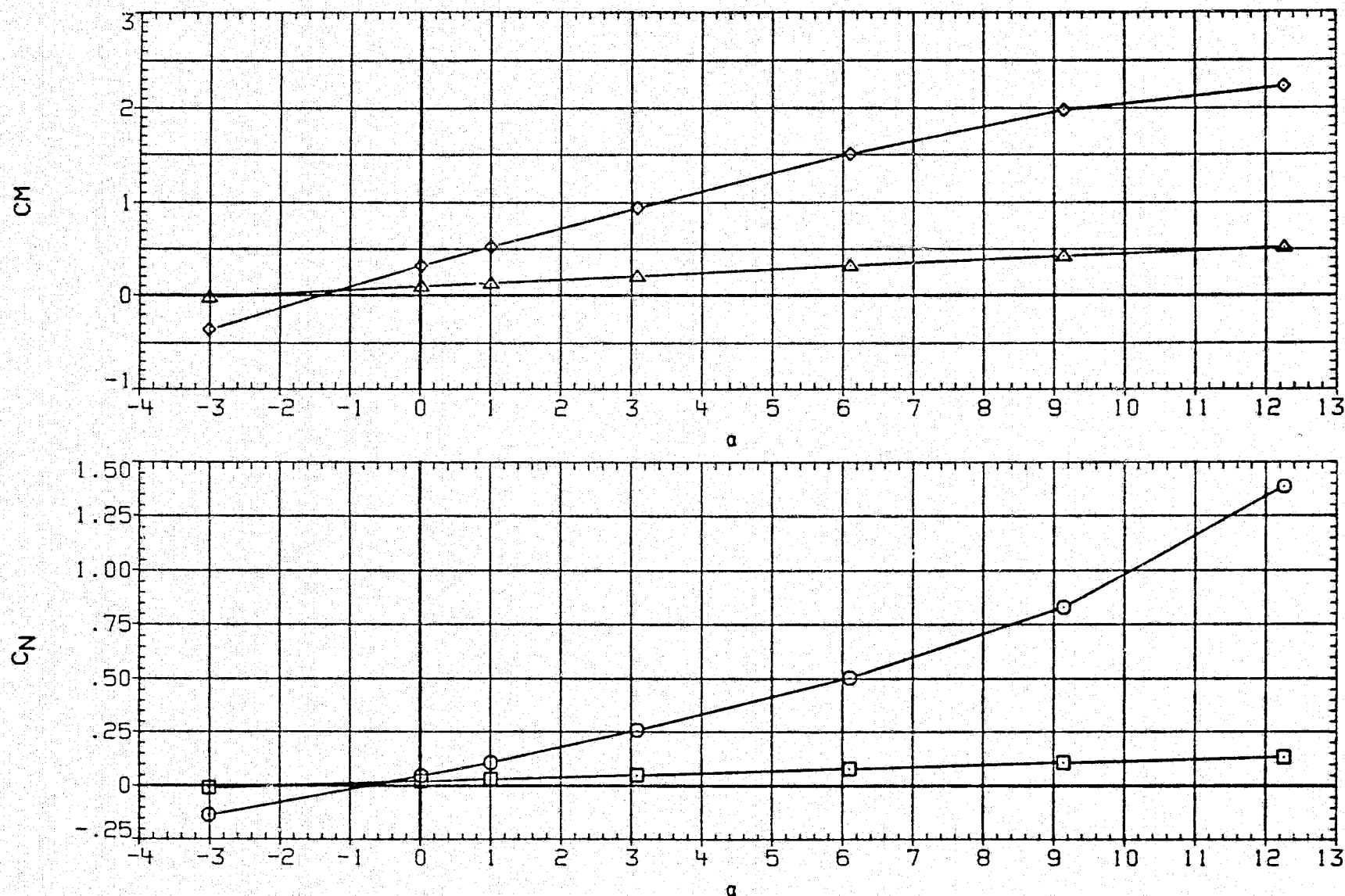


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ277) CONFIGURATION 19 (BN3C3)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
□	CY	1.489	D1	.000	
◇	CYB	.000	D2	.000	
△	CYM	3.000	D1-3	.000	
	CYMB	.000	D2-4	3.000	
		.000		3.000	

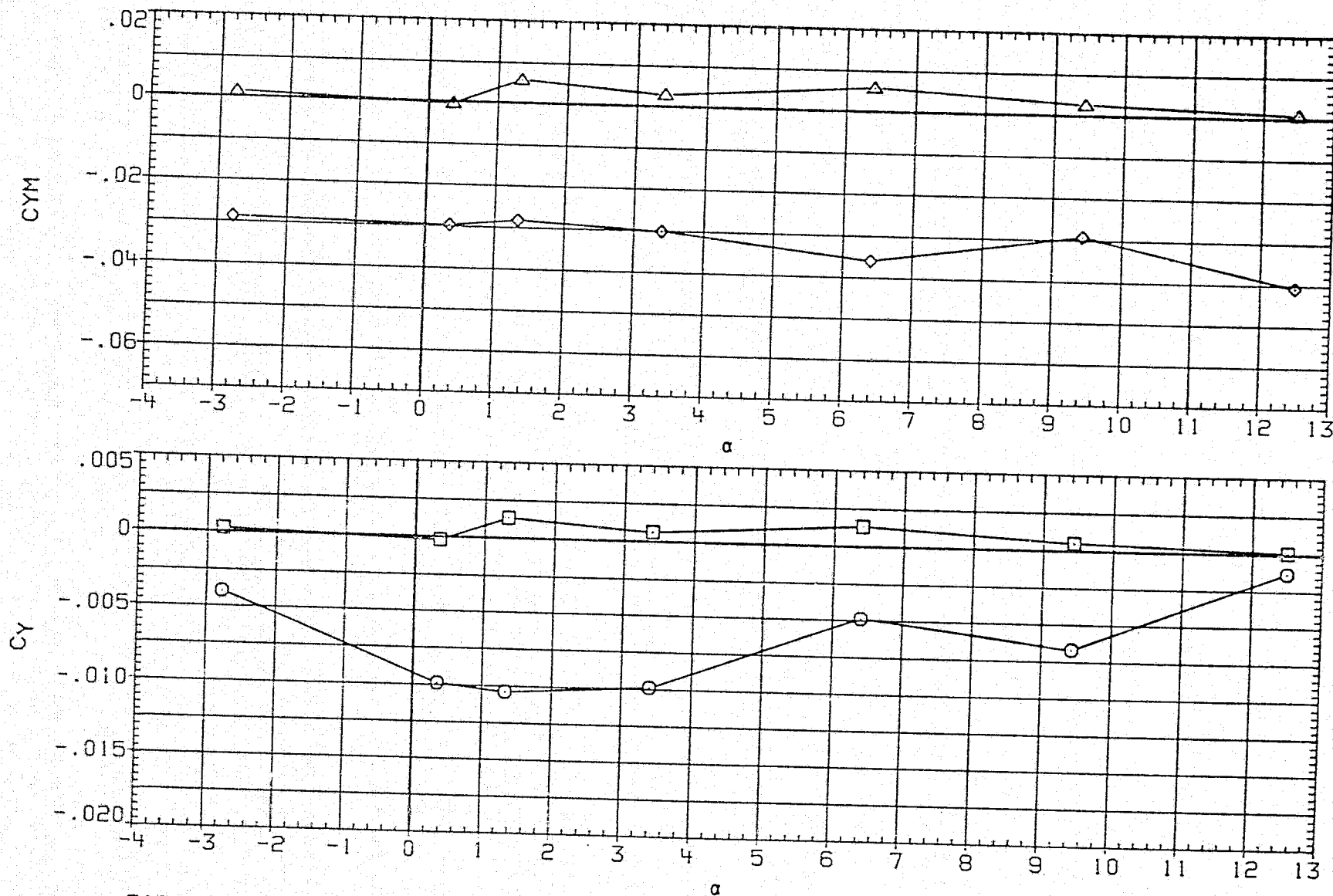


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ277) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.997 BETA .000
◇	CYB	D1 .000 D3 .000
△	CYM	D2 3.000 D4 3.000
	CYMB	D1-3 .000 D2-4 3.000
		PHI-C .000

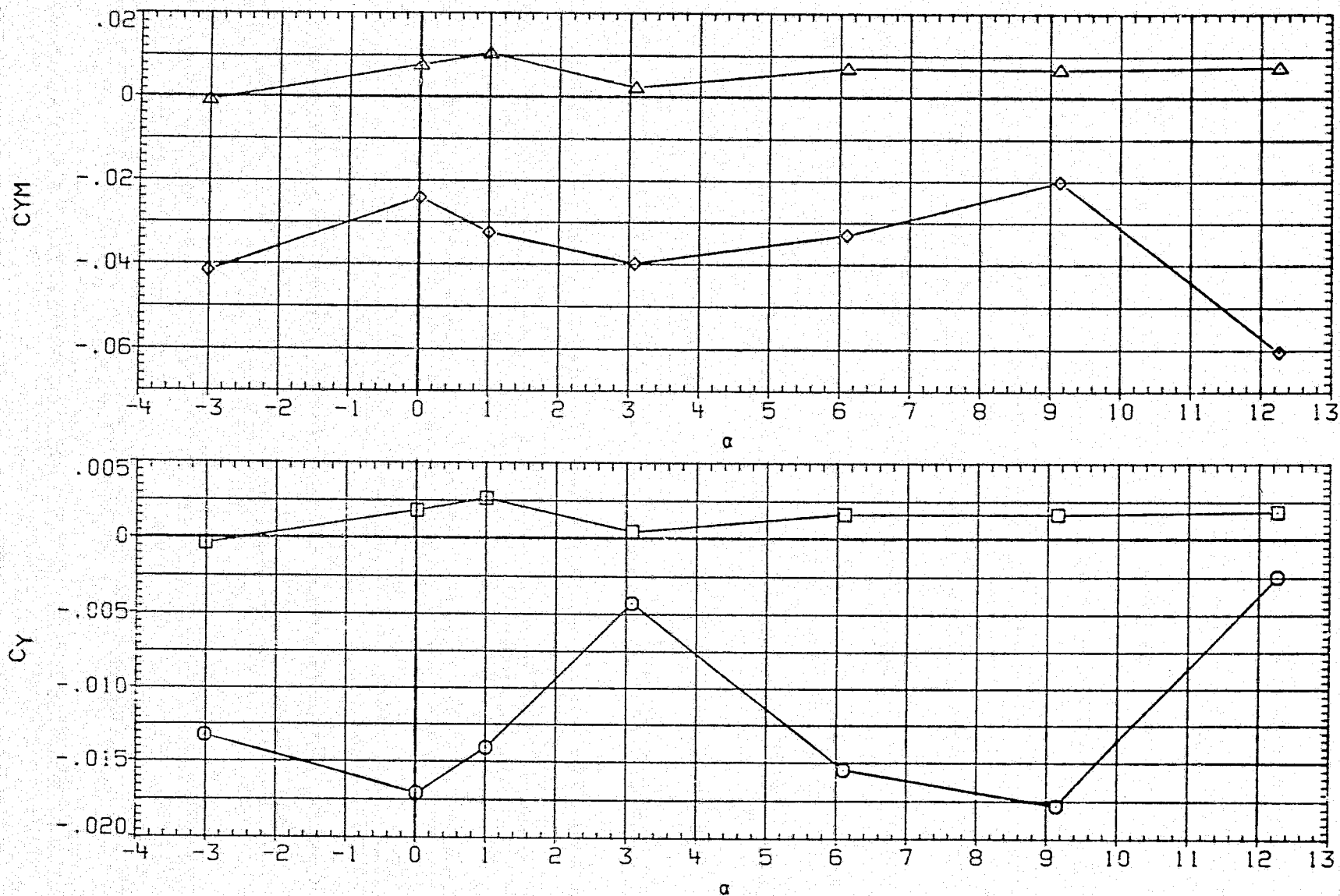


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ277) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.499 BETA .000
□	CRMB	D1 .000 D3 .000
◇	CA	D2 3.000 D4 3.000
		D1-3 .000 D2-4 3.000
		PHI-C .000

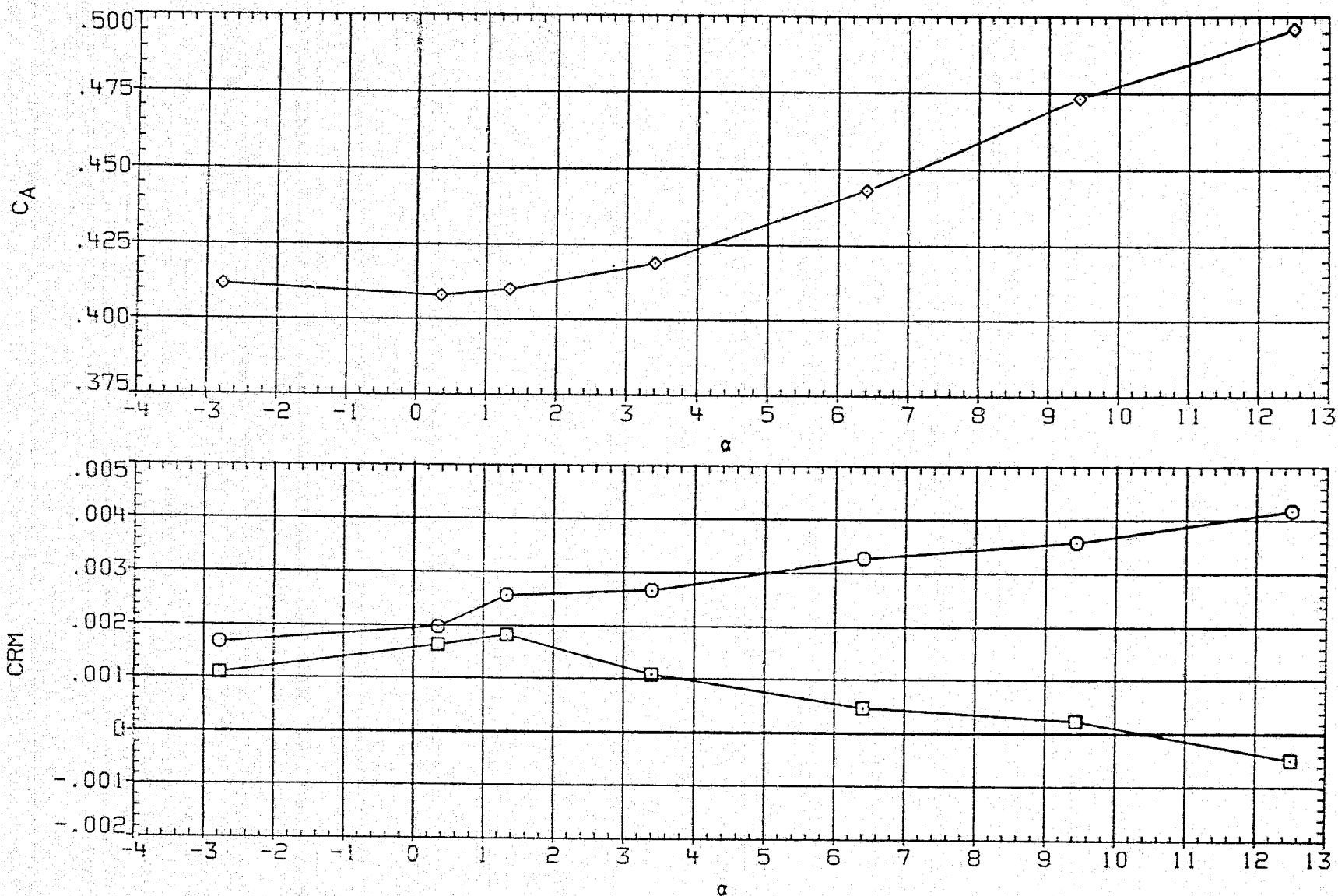


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ277) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
◻	CRM	MACH 1.997
◻	CRM	D1 .000
◻	CA	D2 3.000
		D1-3 .000
		PHI-C .000
		BETA .000
		D3 .000
		D4 3.000
		D2-4 3.000

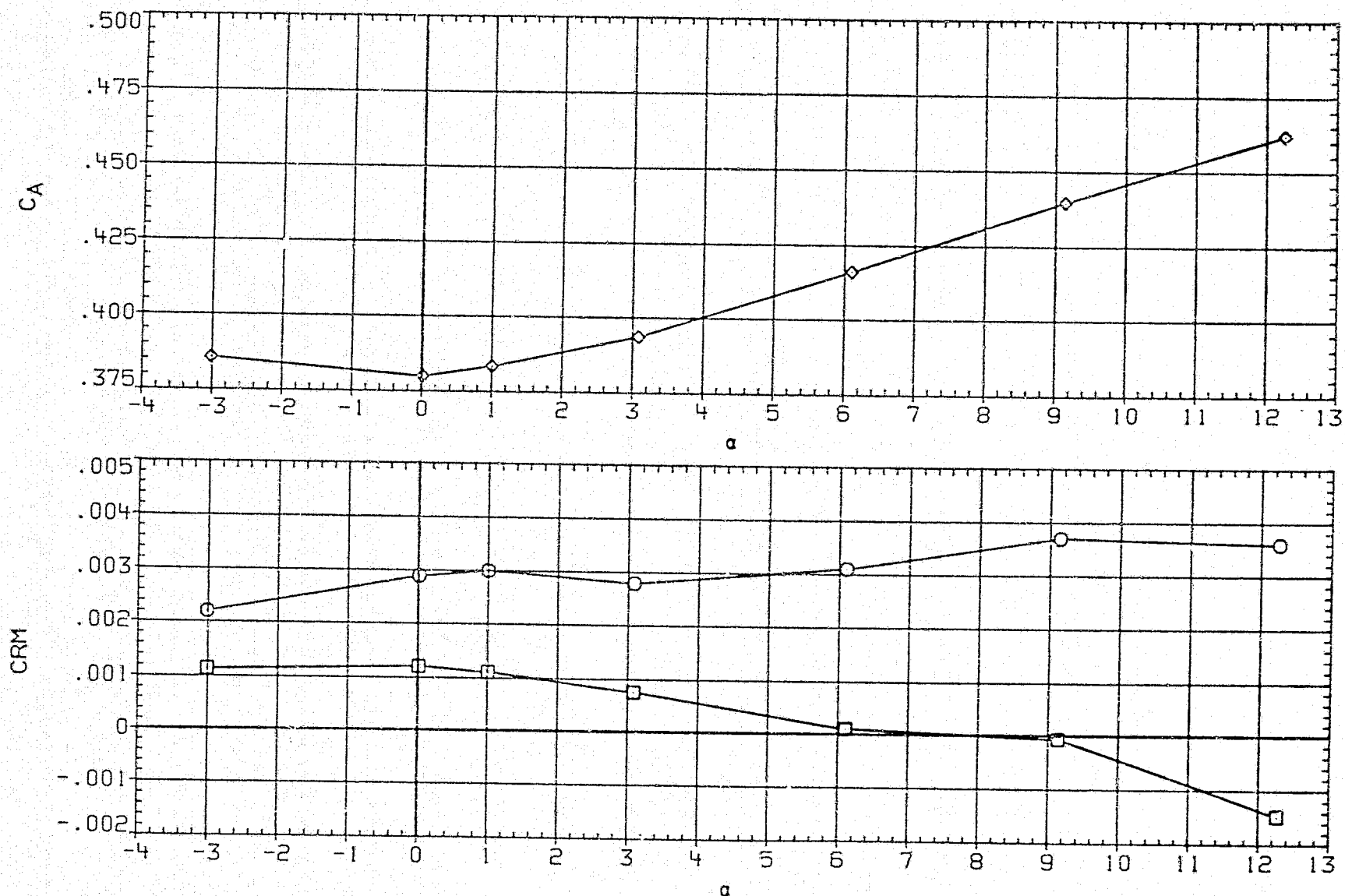


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ278) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.497 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 6.000 CM 6.000
△	CMB	D1-3 .000 D2-4 5.000
		PHI-C .000

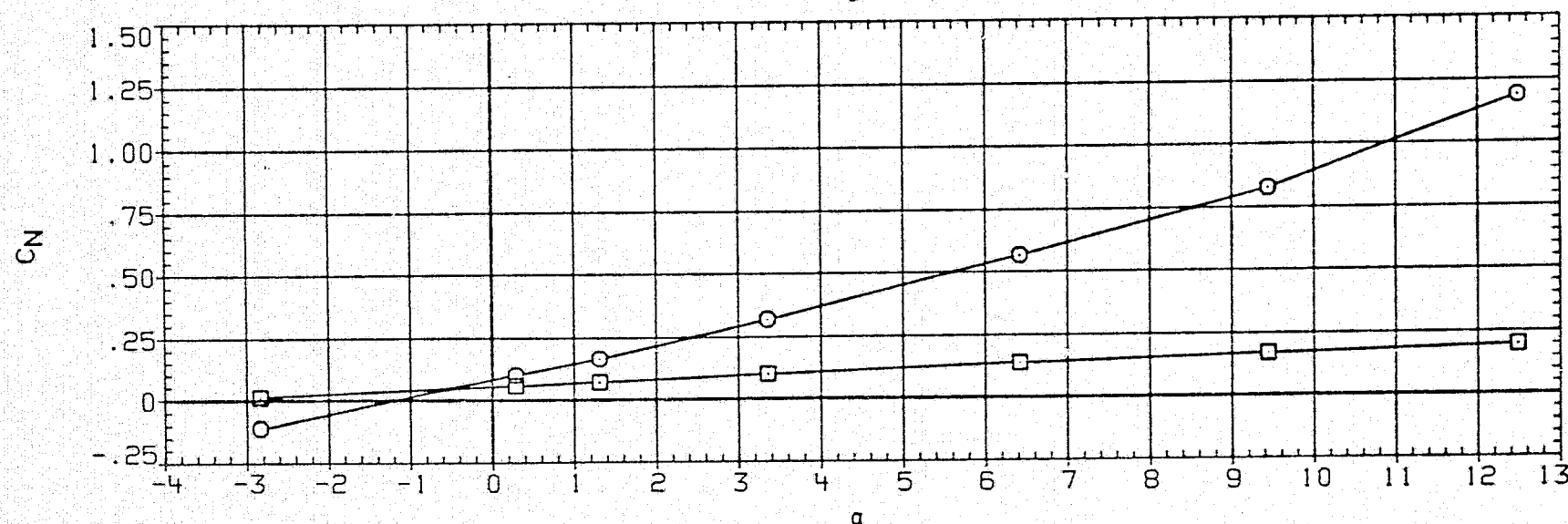
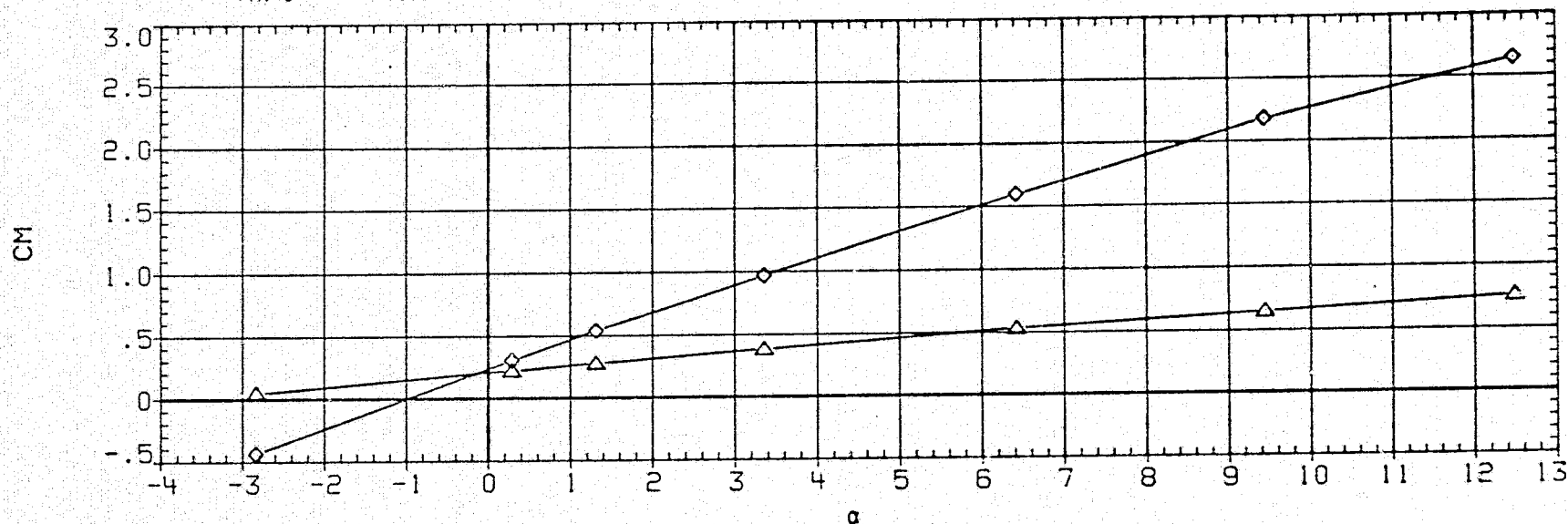


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ278) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
◇	CN	D1	1.997	D3	.000
□	CNB	D2	.000	D4	.000
△	CM	D1-3	6.000	D2-4	6.000
	CMB	PHI-C	.000		

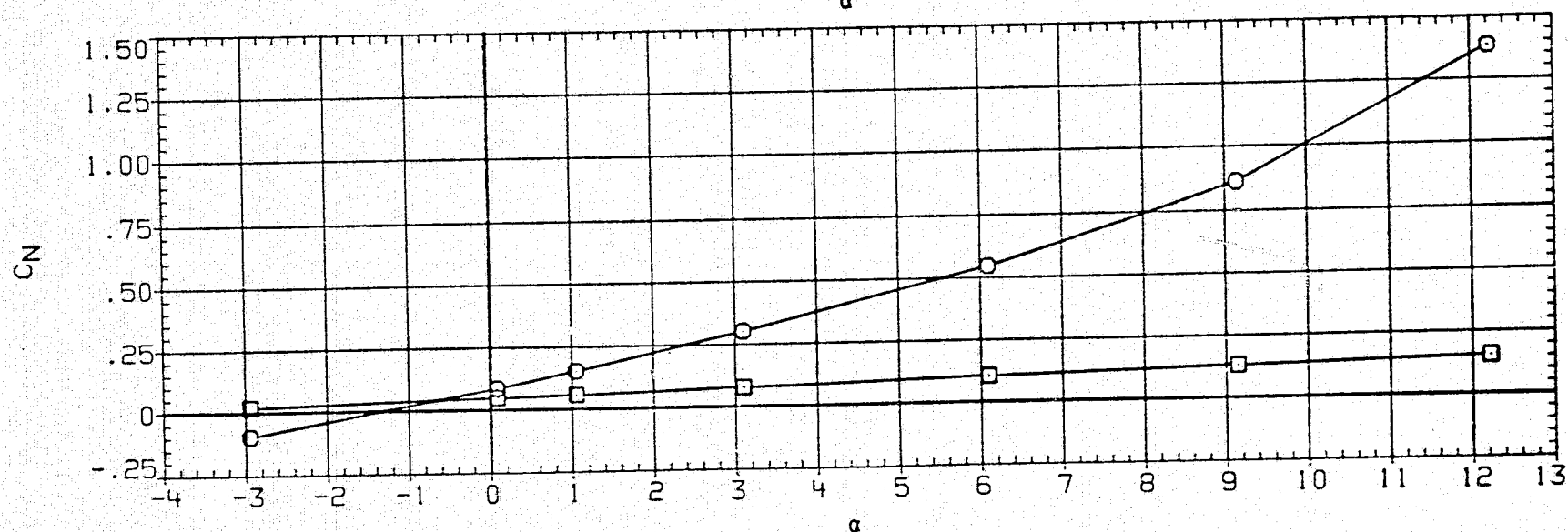
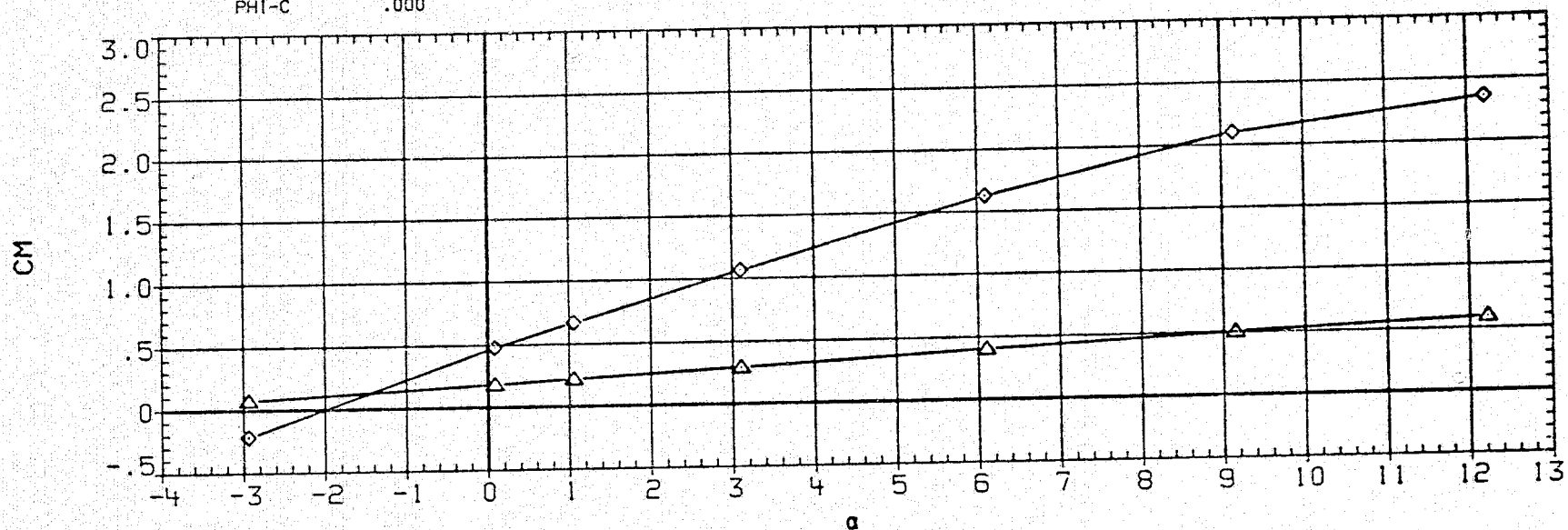


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ278) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.497 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 6.000 D4 6.000
△	CYMB	D1-3 .000 D2-4 6.000
		PHI-C .000

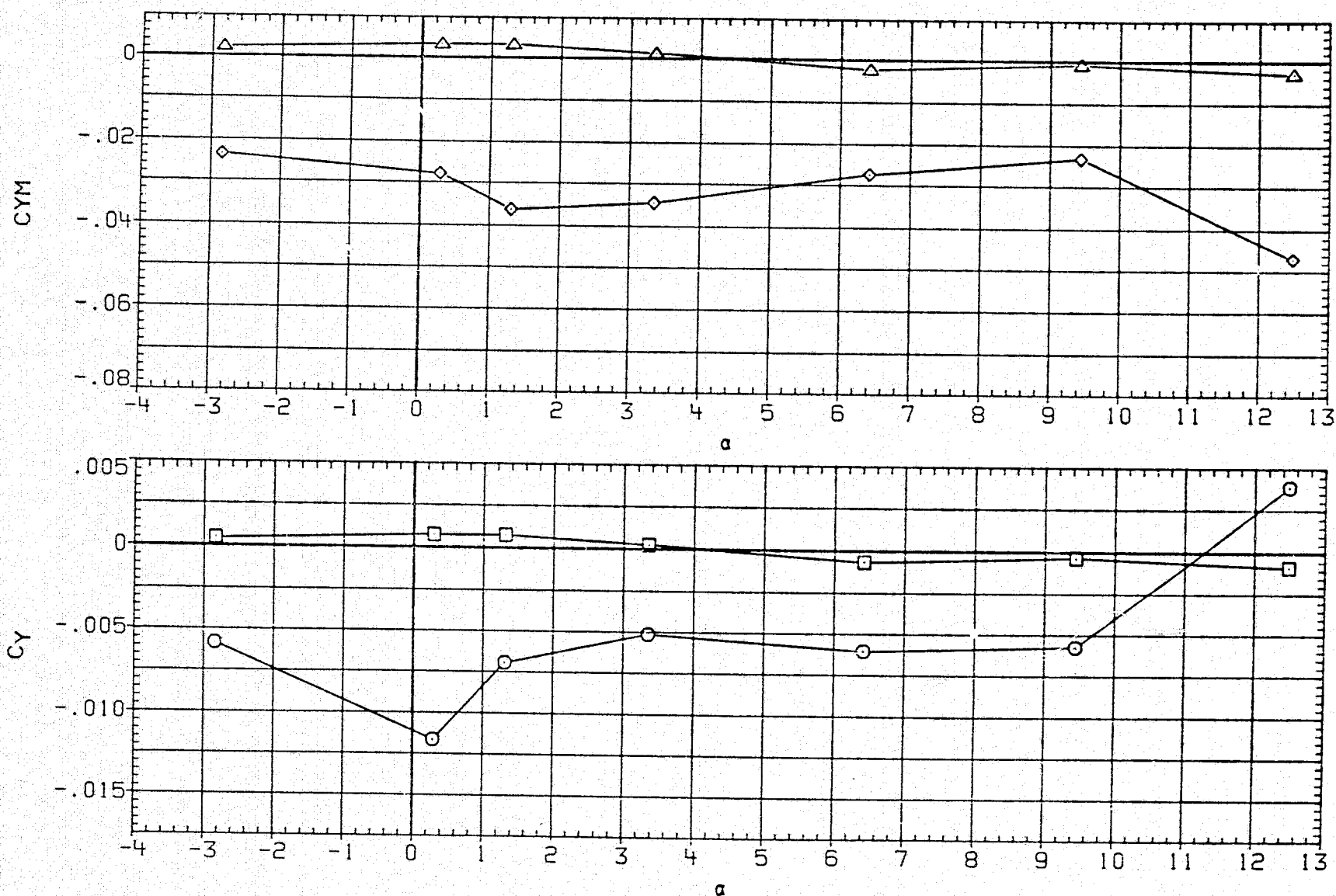


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ278) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA
○	CY	1.997	D1	.000
□	CYB	.000	D3	.000
◇	CYM	6.000	D4	6.000
△	CYMB	.000	D2-4	6.000
		PHI-C	.000	

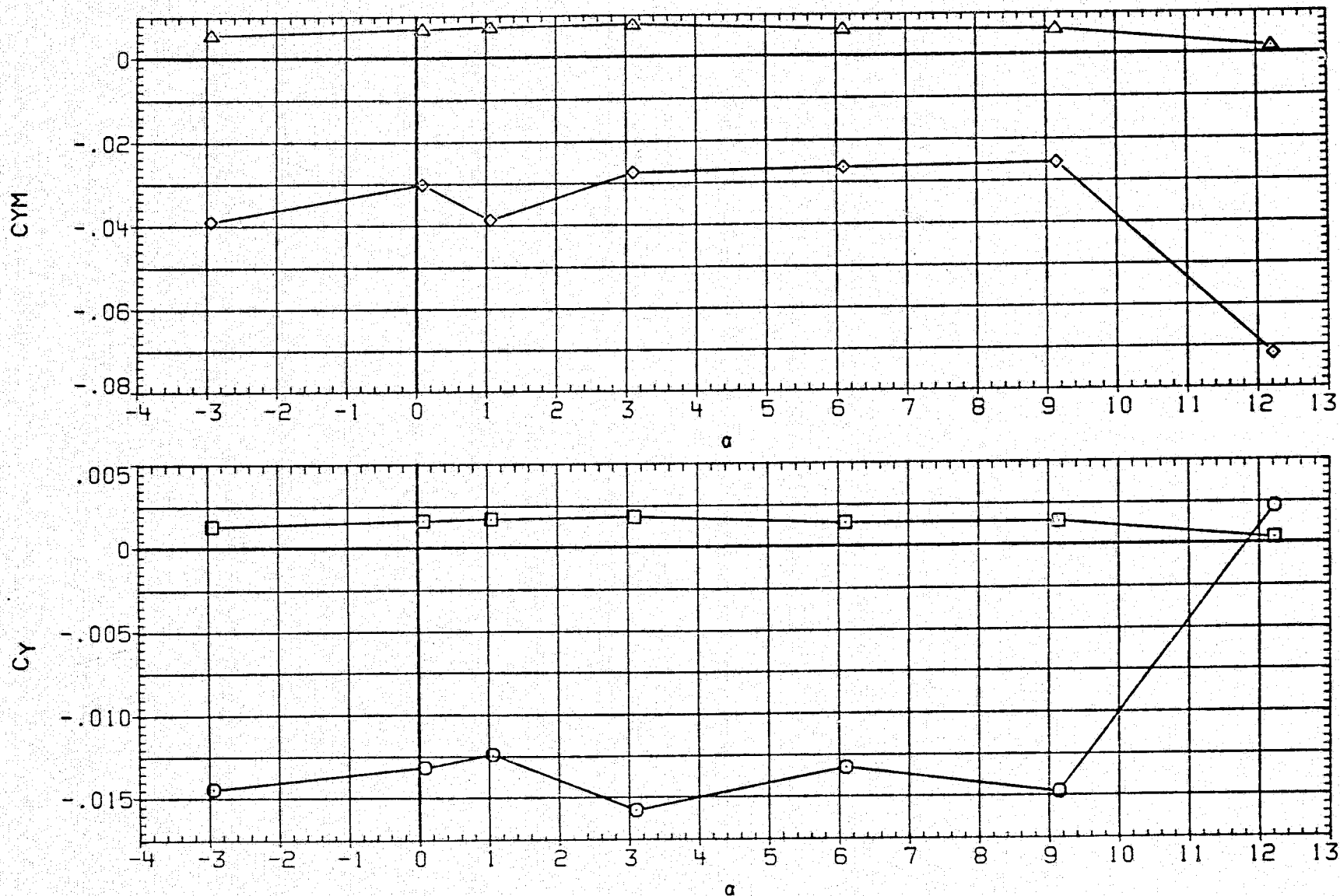


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

IREZ278) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
◇	CRM	1.497		.000	
□	CRM	D1	.000	D3	.000
◇	CA	D2	6.000	D4	6.000
		D1-3	.000	D2-4	6.000
		PHI-C	.000		

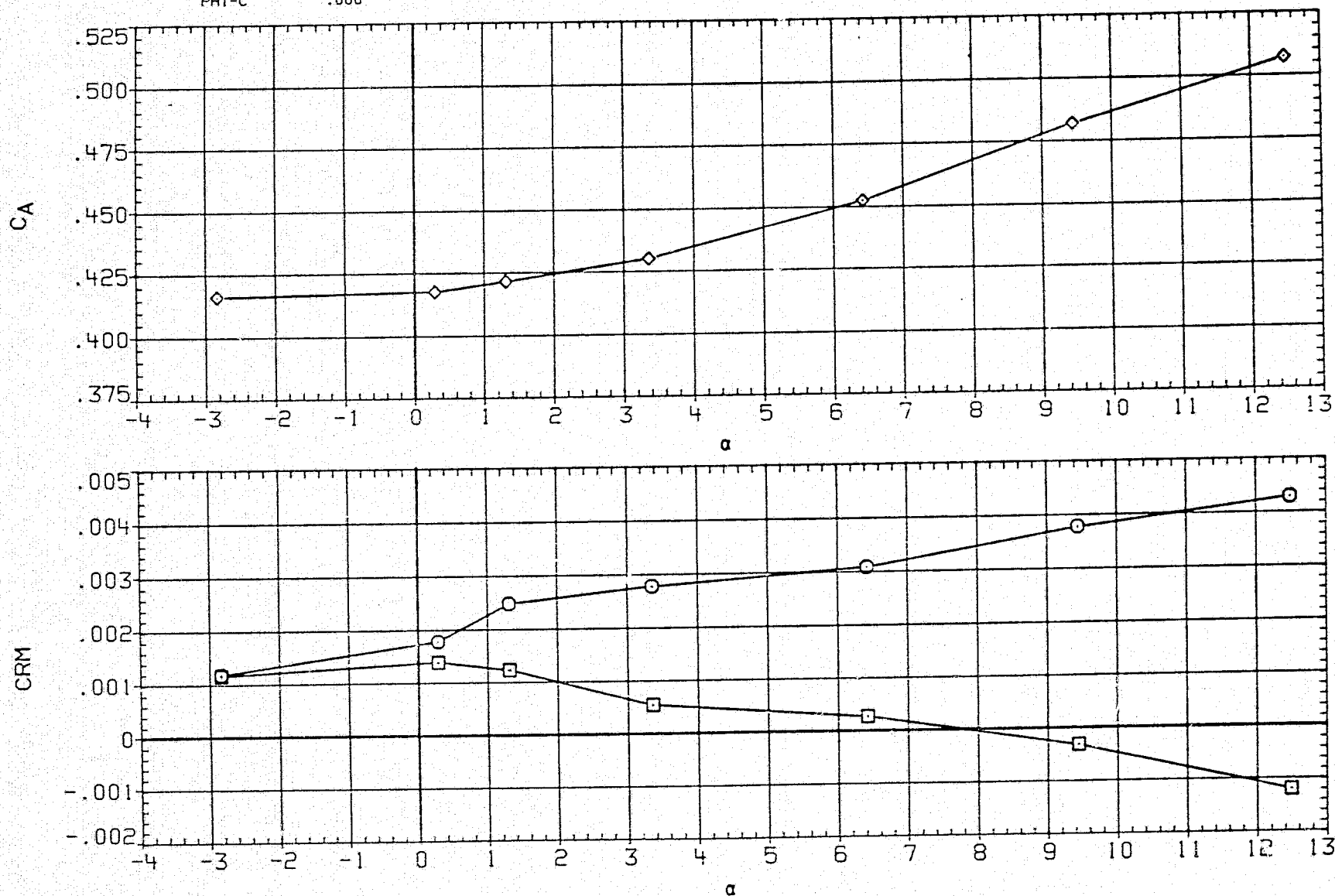


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ278) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.397 BETA .000
□	CRM3	D1 .000 D3 .000
◇	CA	D2 6.000 D4 6.000
		D1-3 .000 D2-4 6.000
		PHI-C .000

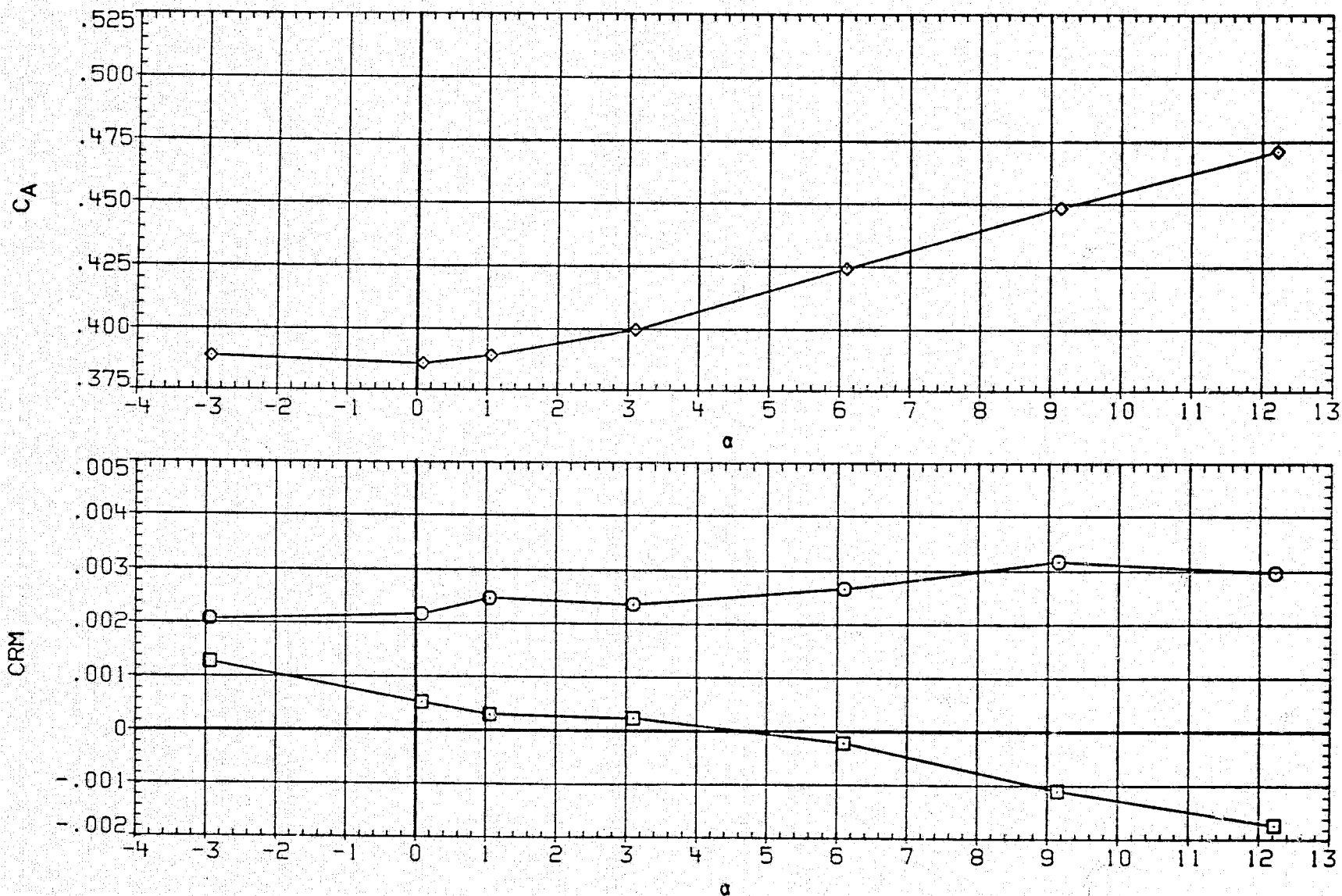


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ279) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.495 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 9.000 D4 9.000
△	CMB	D1-3 .000 D2-4 9.000
	PHI-C	.000

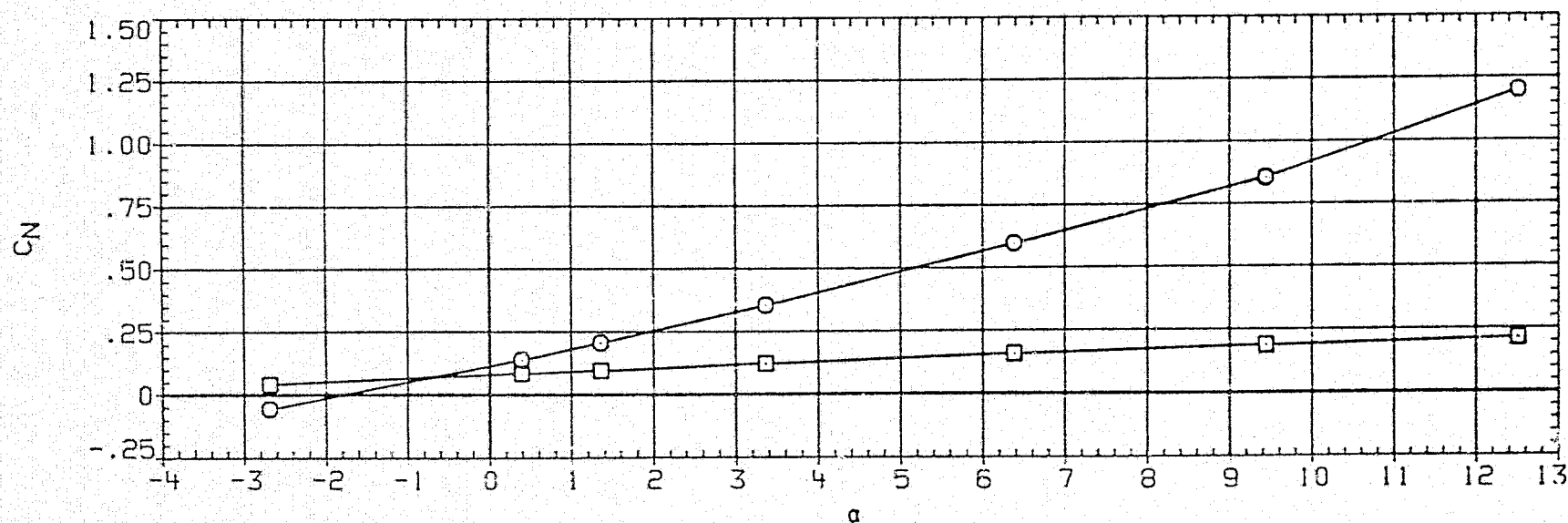
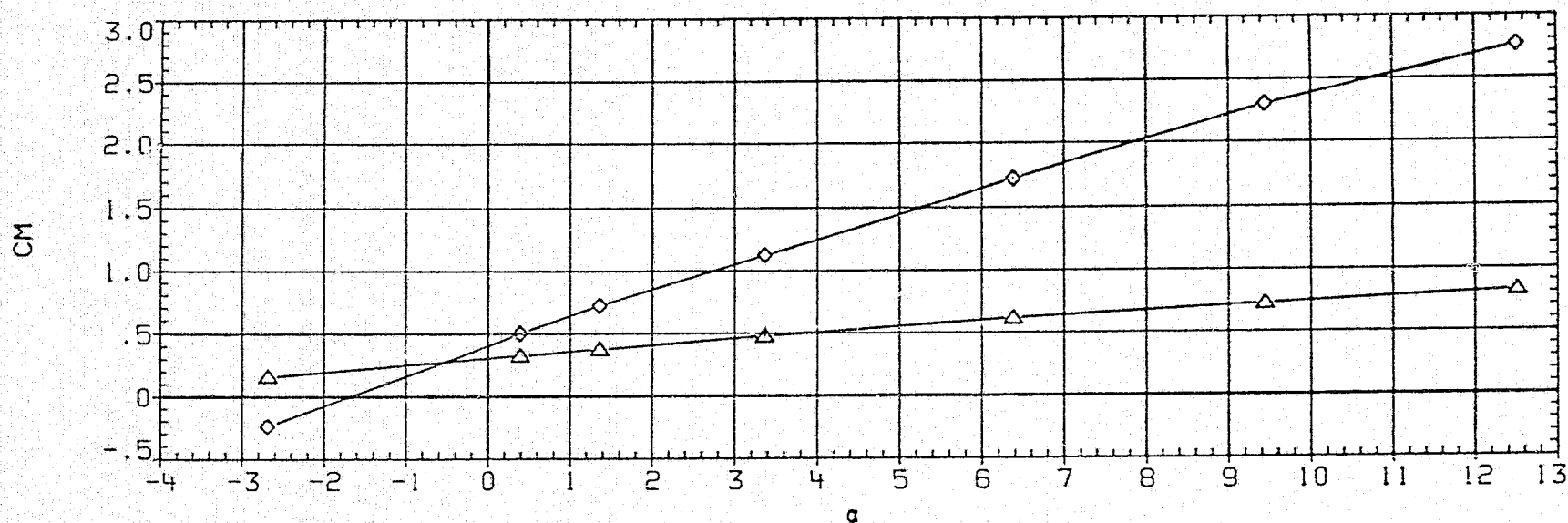


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ279) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CN	D1	1.998	.000	
□	CNB	D2	.000	.000	
◇	CM	D3	9.000	.000	
△	CMB	D4	.000	9.000	
		D1-3	.000	D2-4	9.000
		PHI-C	.000		

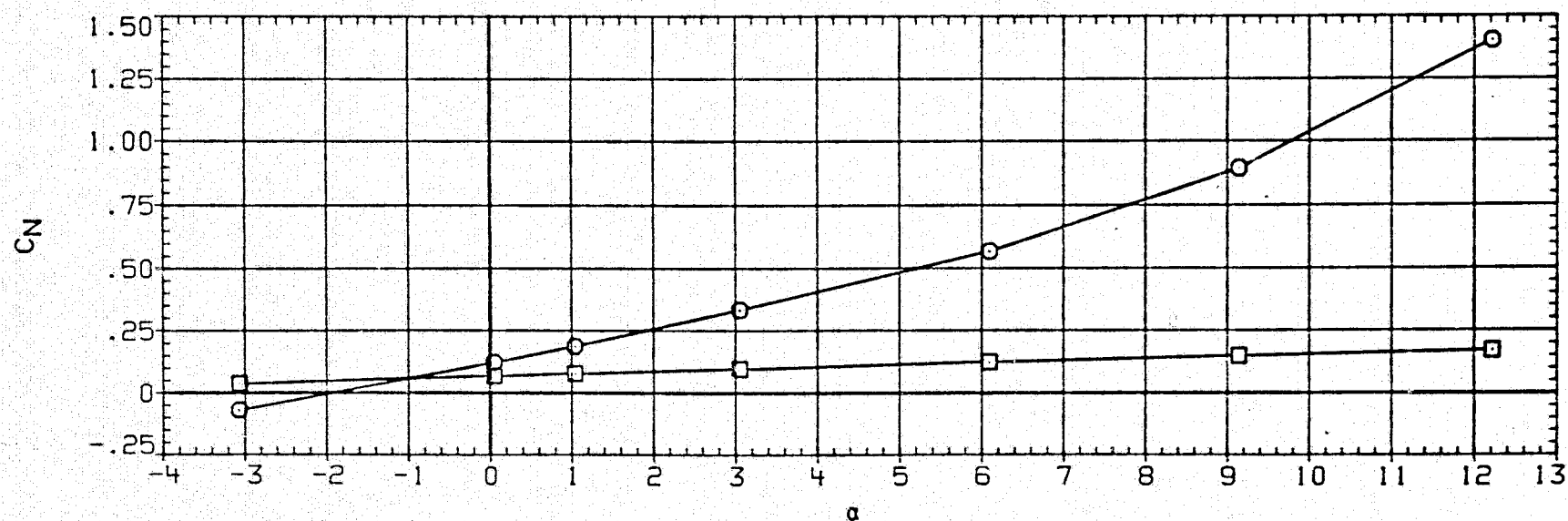
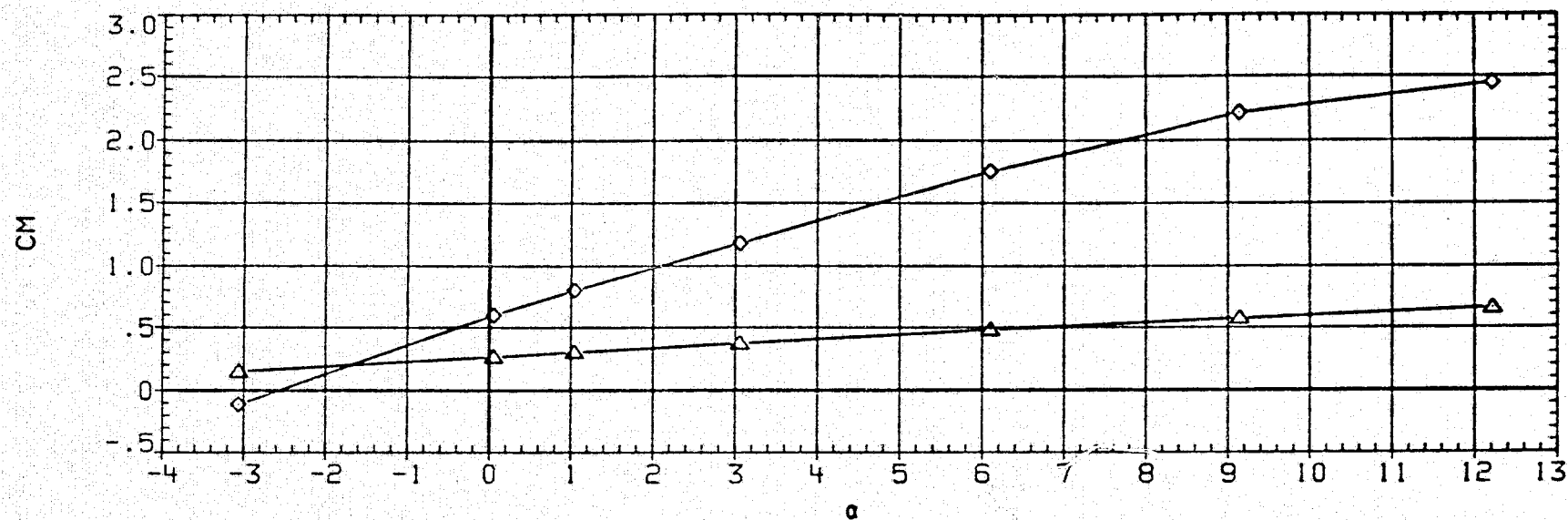


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ279) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CY	MACH	1.495	BETA	.000
□	CYB	D1	.000	D3	.000
◇	CYM	D2	9.000	D4	9.000
△	CYMB	D1-3	.000	D2-4	9.000
		PHI-C	.000		

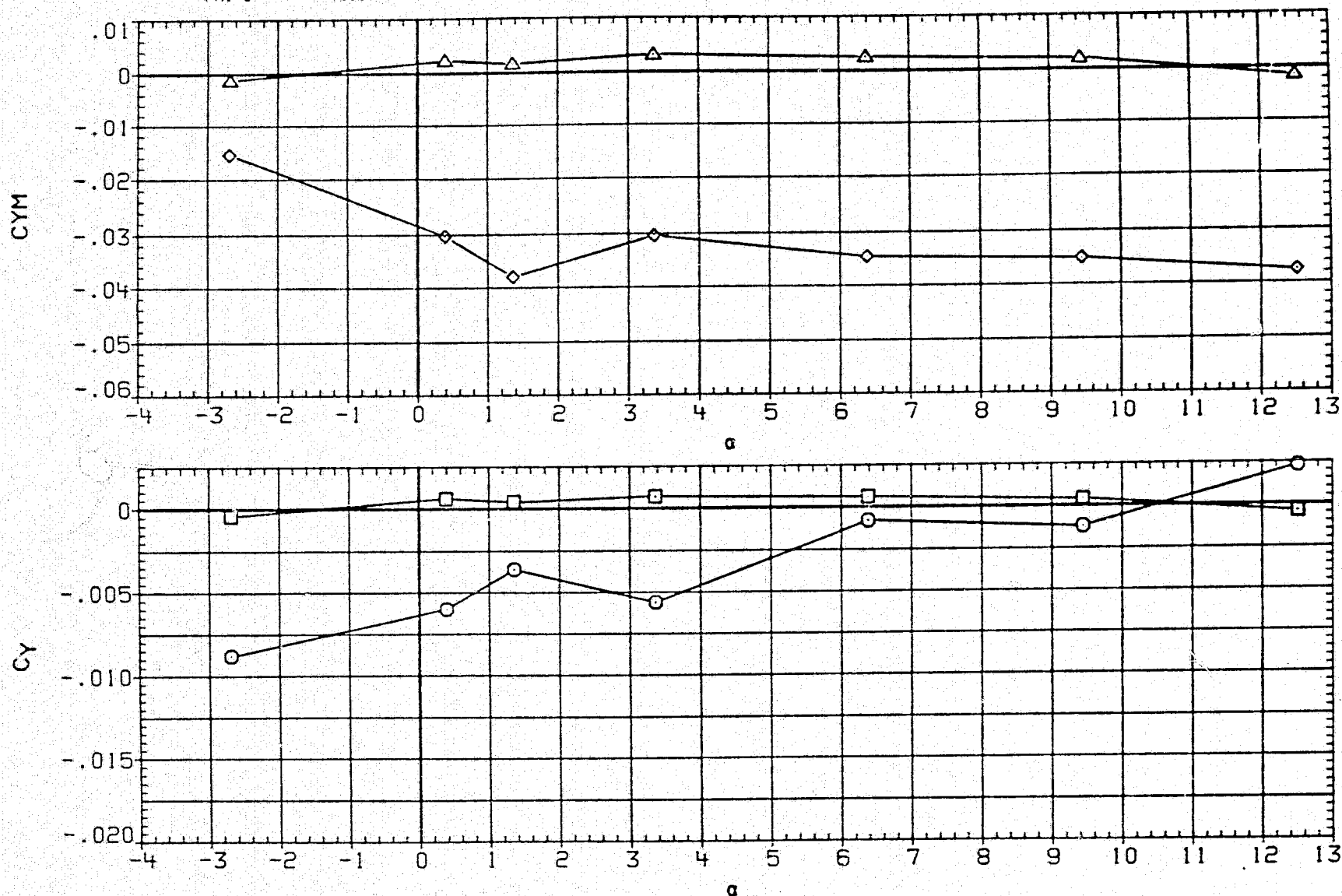


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ27S) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.998 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 9.000 D4 9.000
△	CYM	D1-3 .000 D2-4 9.000
		PHI-C .000

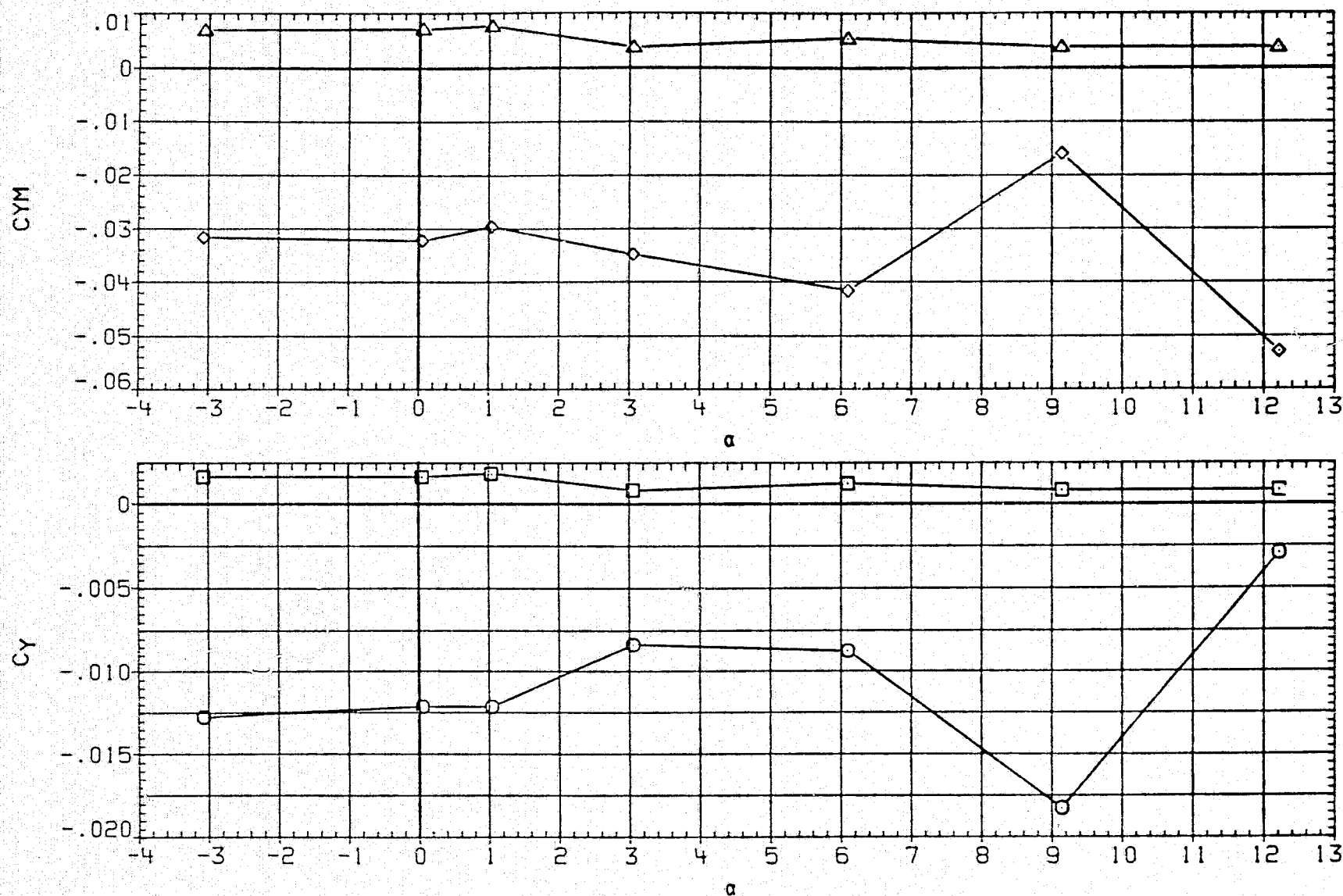


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ279) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.495 BETA .000
□	CRM _B	D1 .000 D3 .000
◇	CA	D2 9.000 D4 9.000
		D1-3 .000 D2-4 9.000
		PHI-C .000

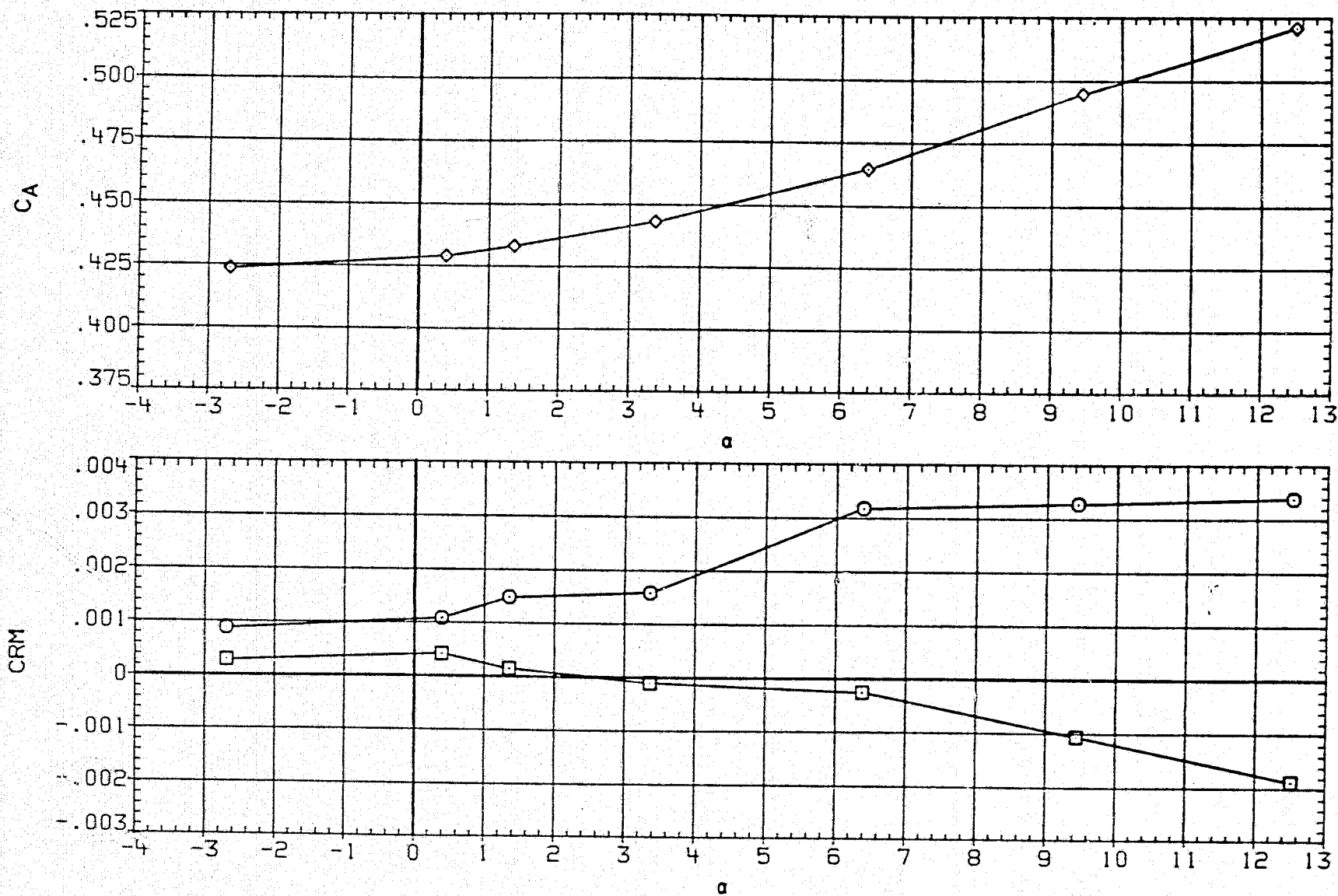


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ279) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.999 BETA .000
○	CRM	D1 .000 D3 .000
□	CRM	D2 9.000 D4 9.000
	CA	D1-3 .000 D2-4 9.000
		PHI-C .000

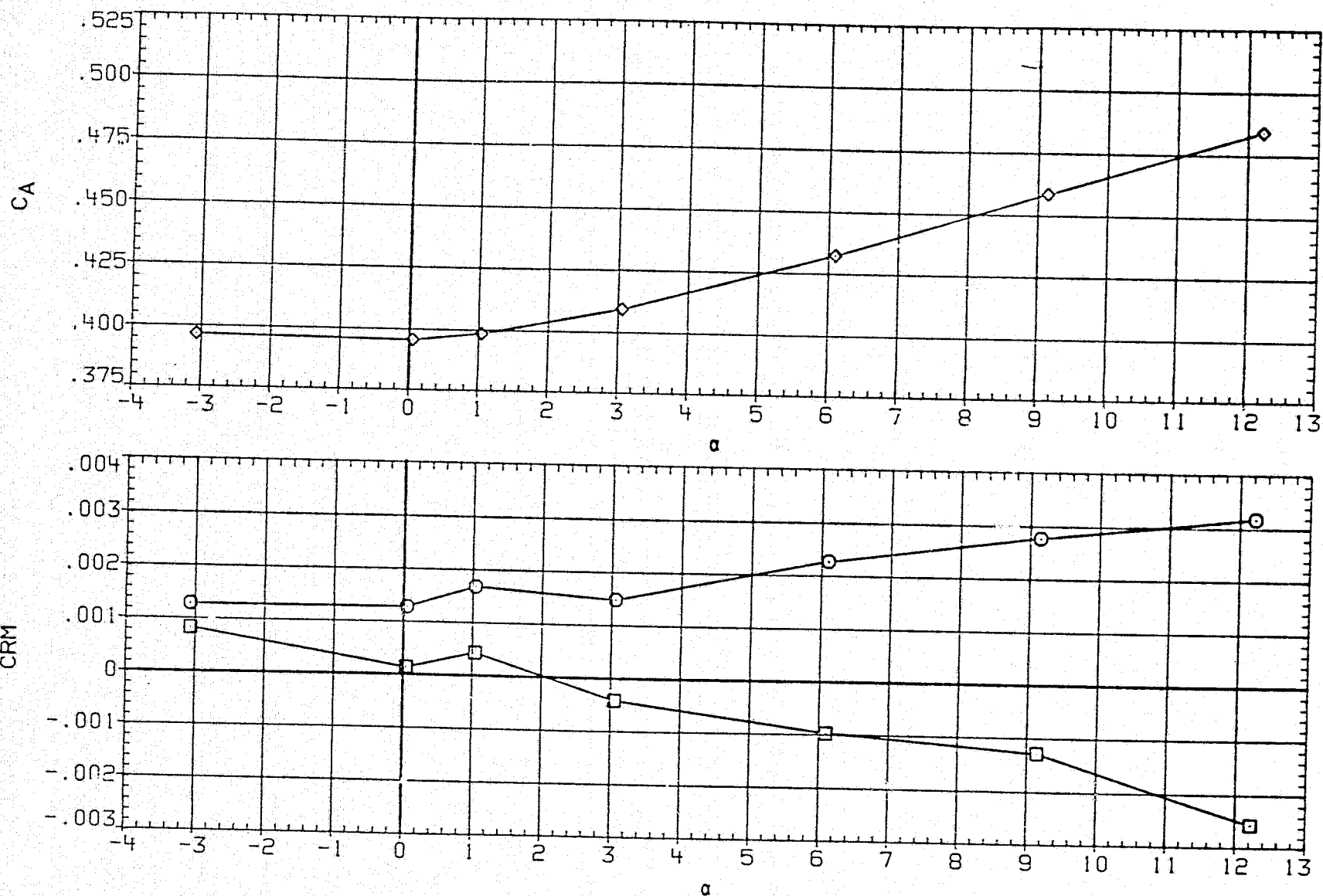


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ280) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.500 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 12.000 D4 12.000
△	CMB	D1-3 .000 D2-4 12.000
	PHI-C	.000

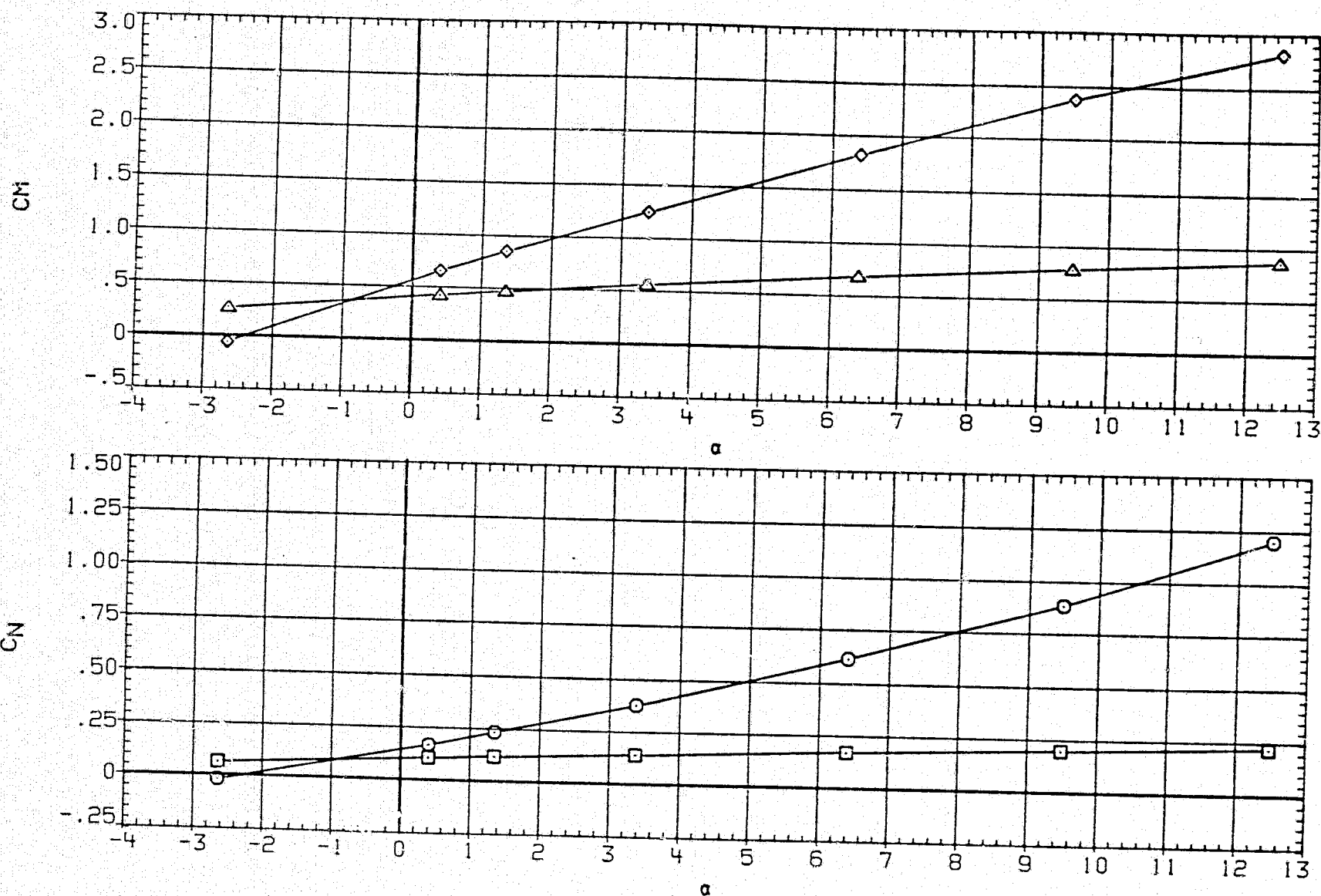


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ280) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.995 BETA .000
□	CNB	D1 .000 D3 .000
◇	CM	D2 12.000 D4 12.000
△	CMB	D1-3 .000 D2-4 12.000
	PHI-C	.000

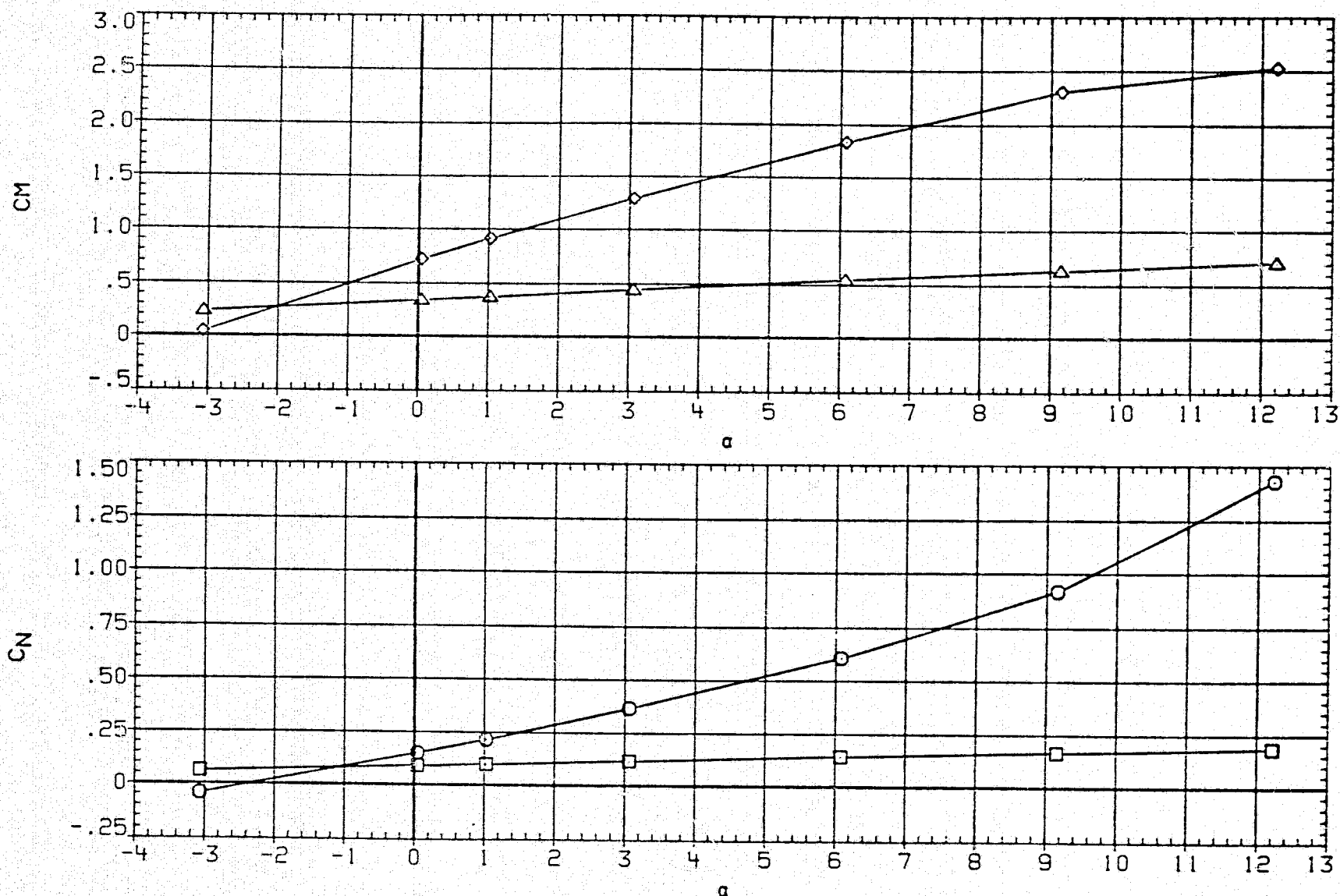


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ280) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.500 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 12.000 D4 12.000
△	CYMB	D1-3 .000 D2-4 12.000
	PHI-C	.000

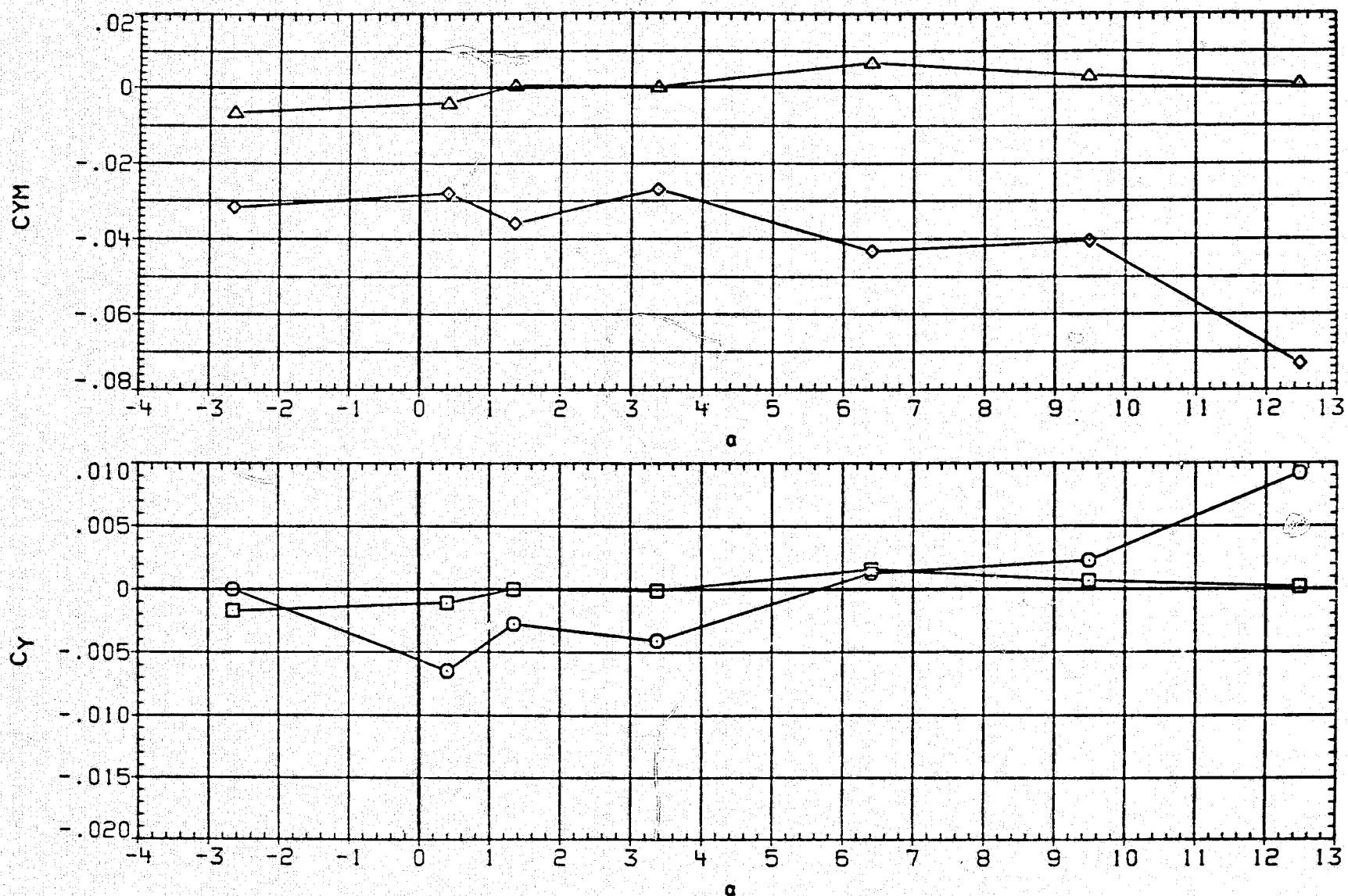


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(BEZ280) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
□	CYB	D1 .000 D3 .000
◇	CYM	D2 12.000 D4 12.000
△	CYB	D1-3 .000 D2-4 12.000
	PHI-C	.000

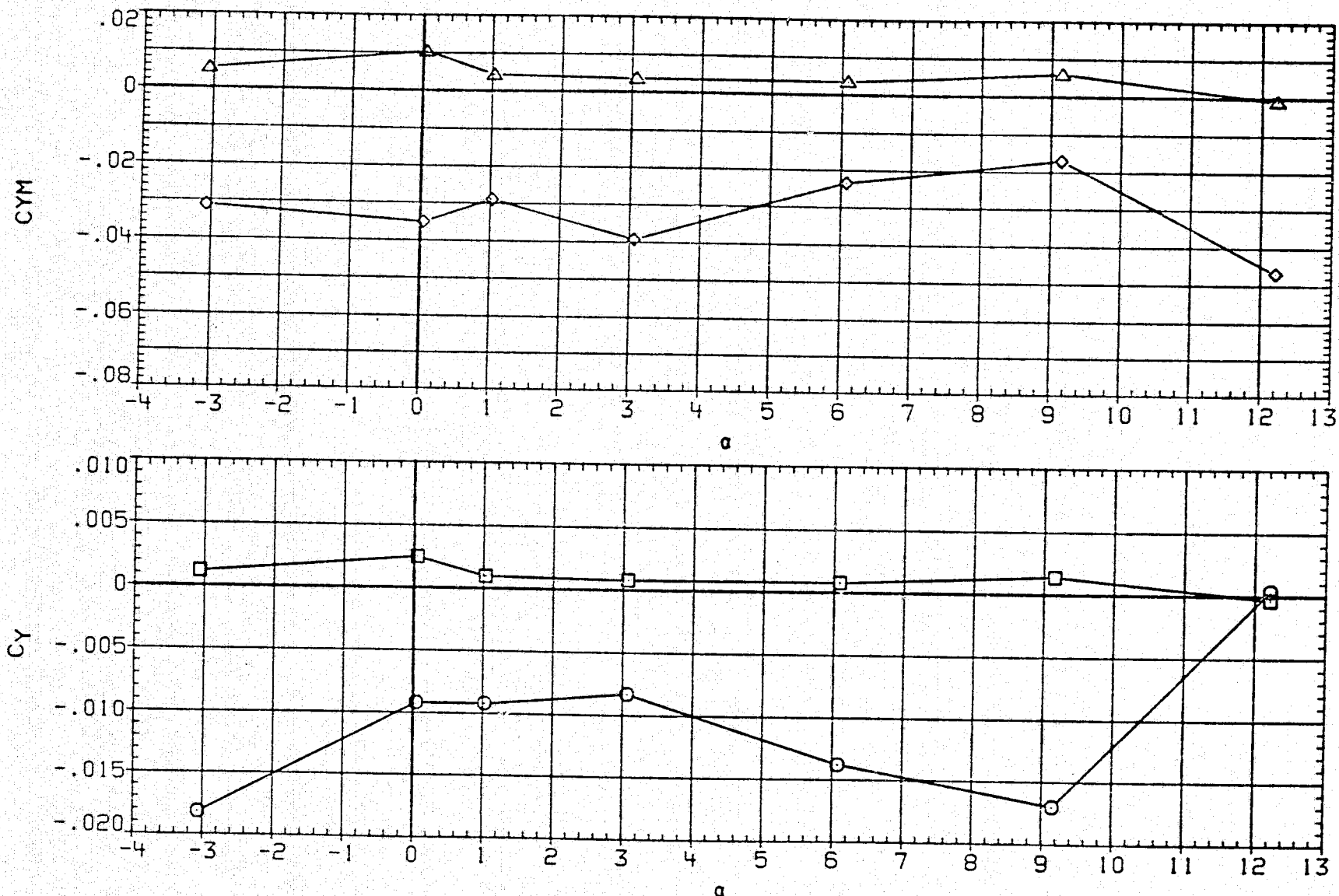


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ280) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
◇◇	CRM	D1	1.500	D3	.000
◇◇	CRM	D2	.000	D4	.000
◇◇	CA	D1-3	12.000	D2-4	12.000
		PHI-C	.000		

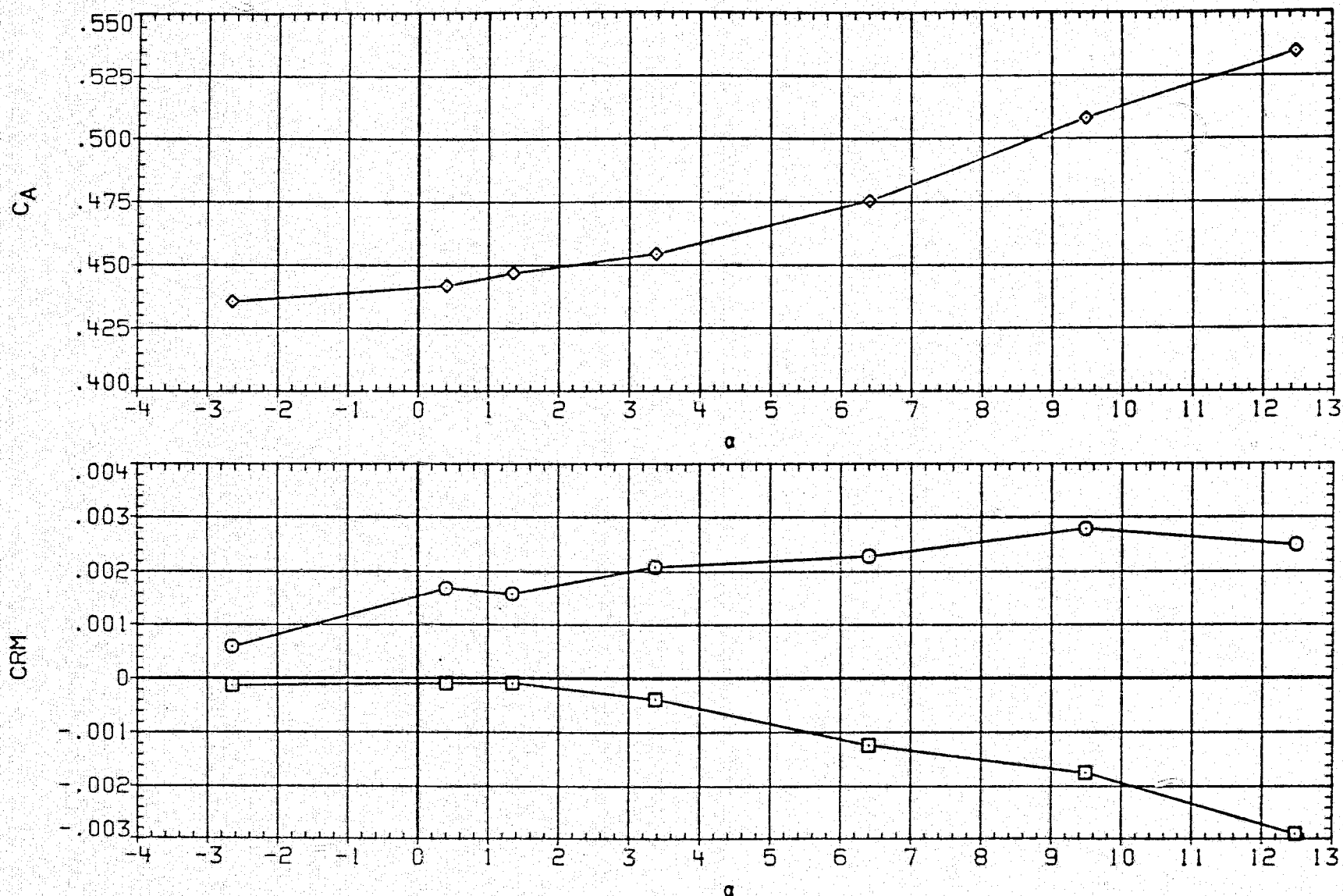


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(REZ280) CONFIGURATION 19 (BN2C3)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.995 BETA .000
□	CRM	D1 .000 D3 .000
◇	CA	D2 12.000 D4 12.000
		D1-3 .000 D2-4 12.000
		PHI-C .000

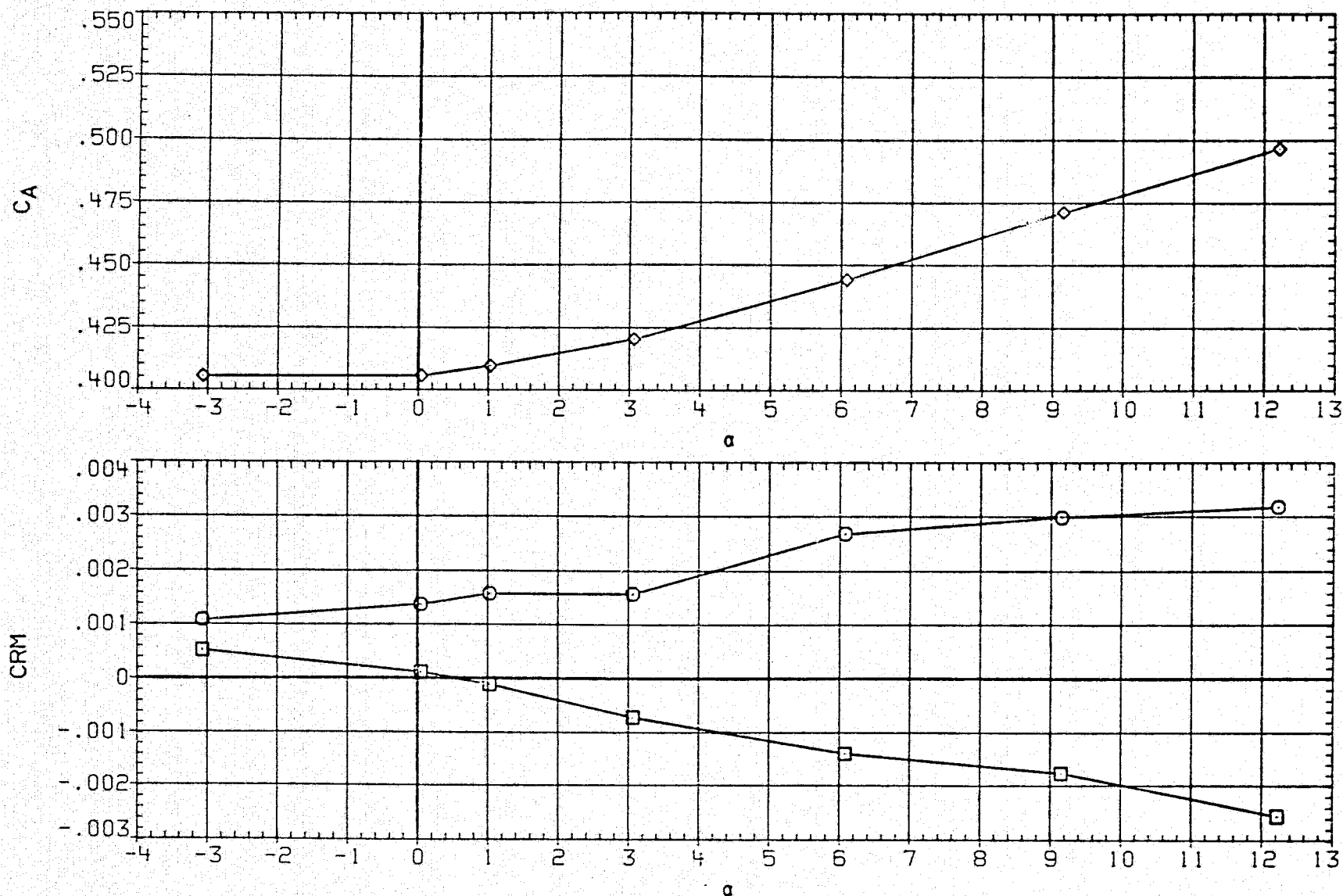


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ093) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	JN	1.503		.000	
□	CNC	.000		.000	
◇	CNT	D2	-3.000	D4	-3.000
△	CNB	D1-3	.000	D2-4	-3.000
		PHI-C	.000	PHI-T	.000

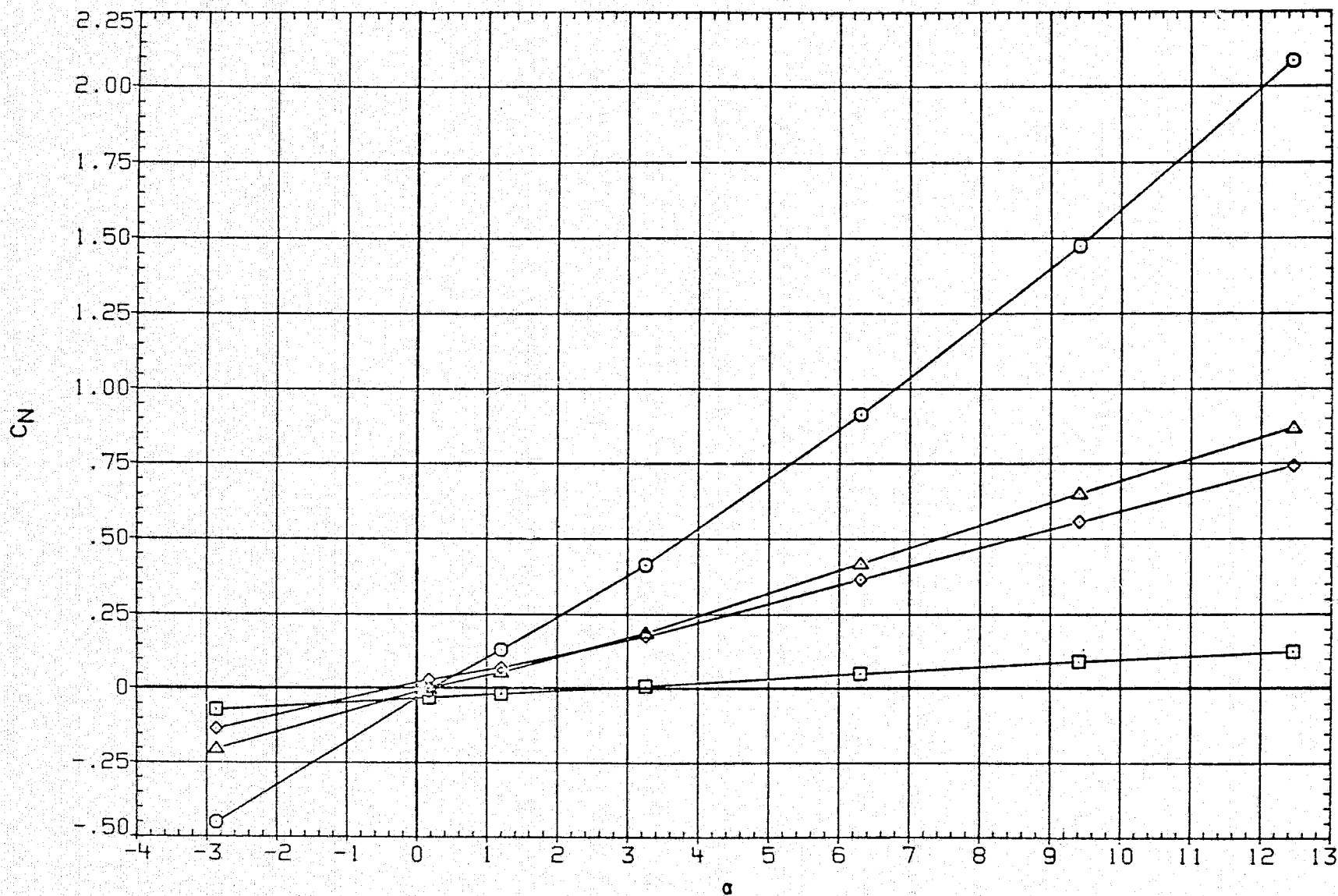


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ093)

CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.995	BETA	.000
□	CNC	D1	.000	D3	.000
◇	CNT	D2	-3.000	D4	-3.000
△	CNB	D1-3	.000	D2-4	-3.000
		PHI-C	.000	PHI-T	.000

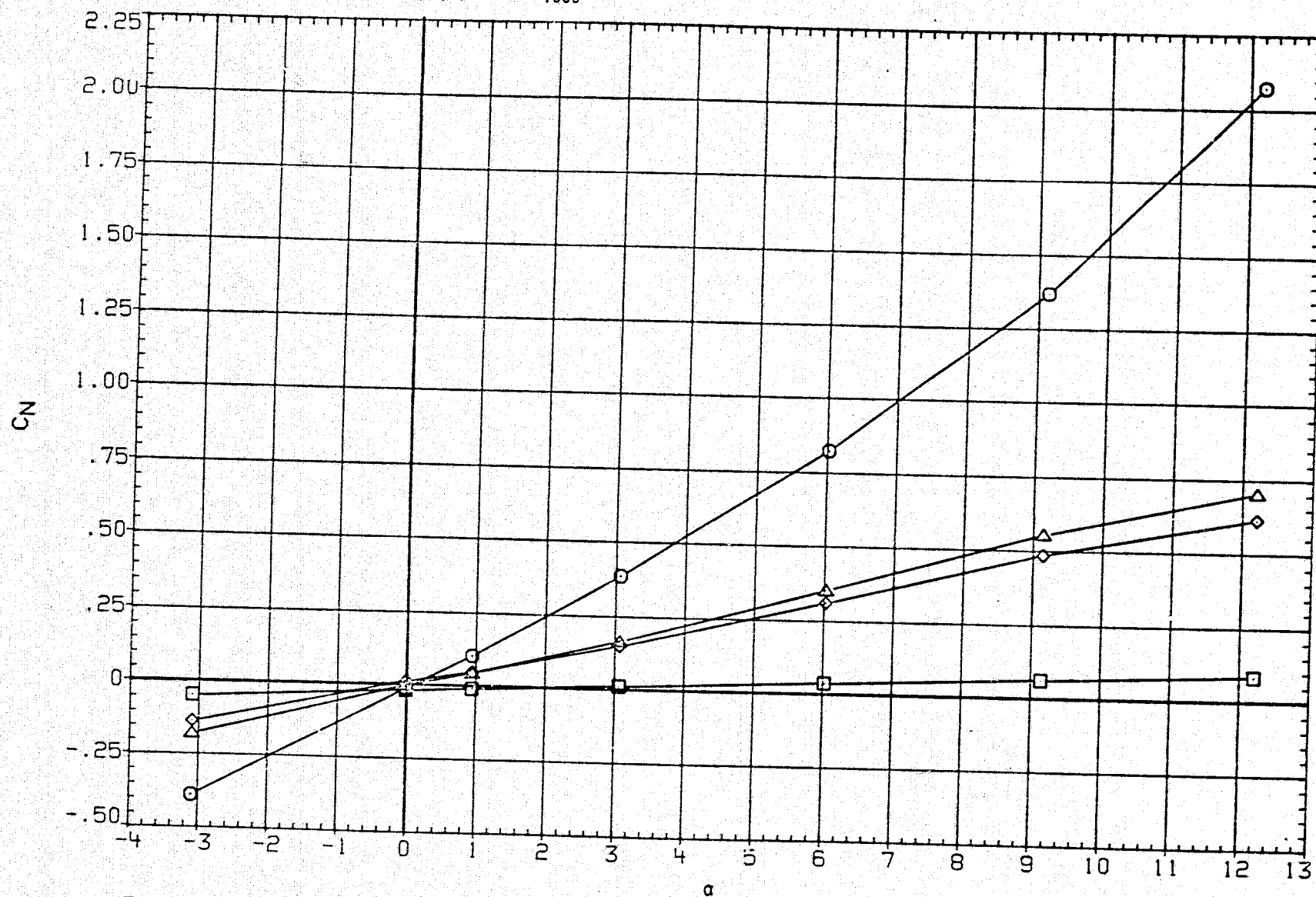


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ093) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CM	MACH 1.503 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 -3.000 D4 -3.000
△	CMB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

PITCHING MOMENT COEFFICIENT, CM

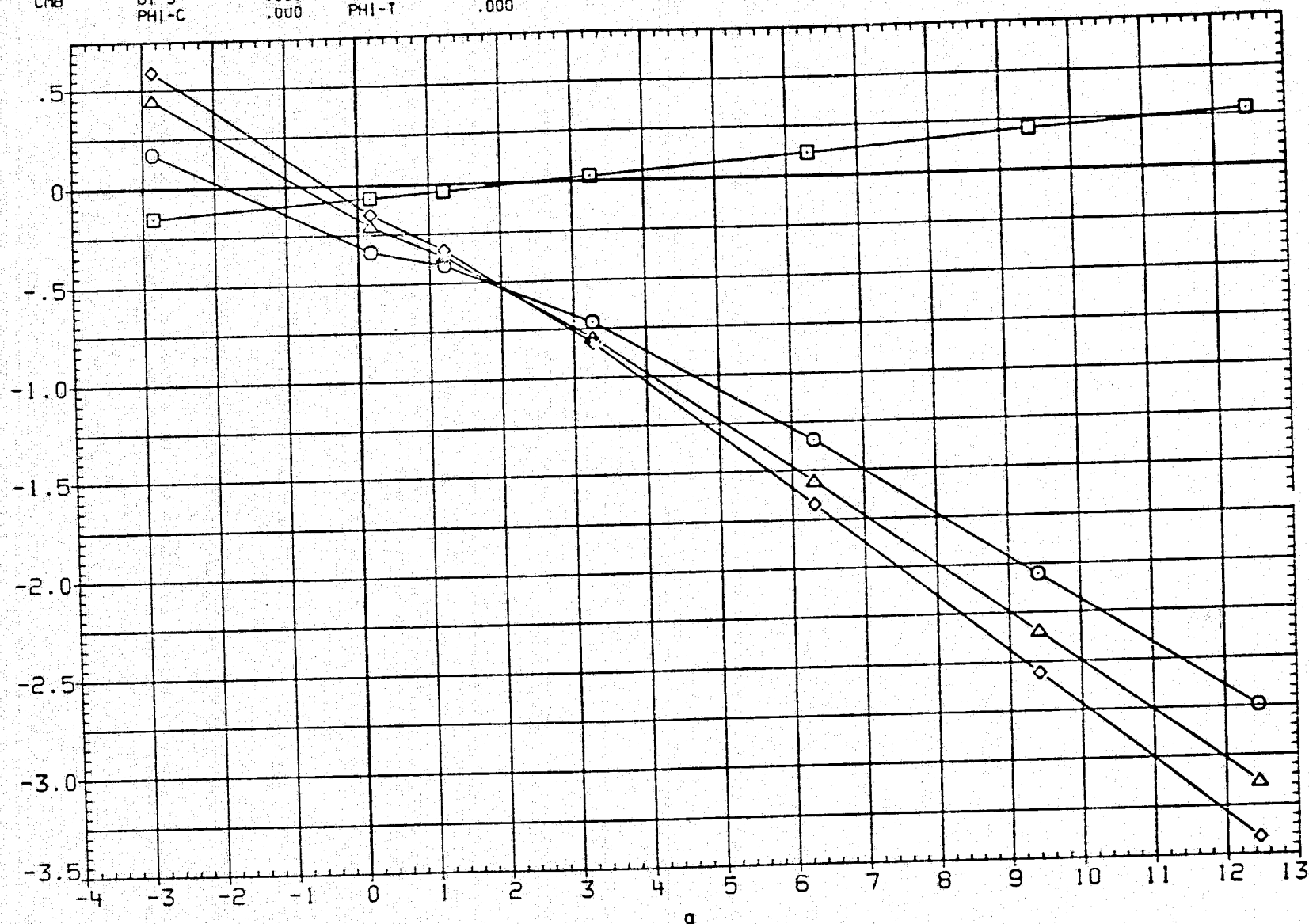


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ093) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.995 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 -3.000 D4 -3.000
△	CMB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

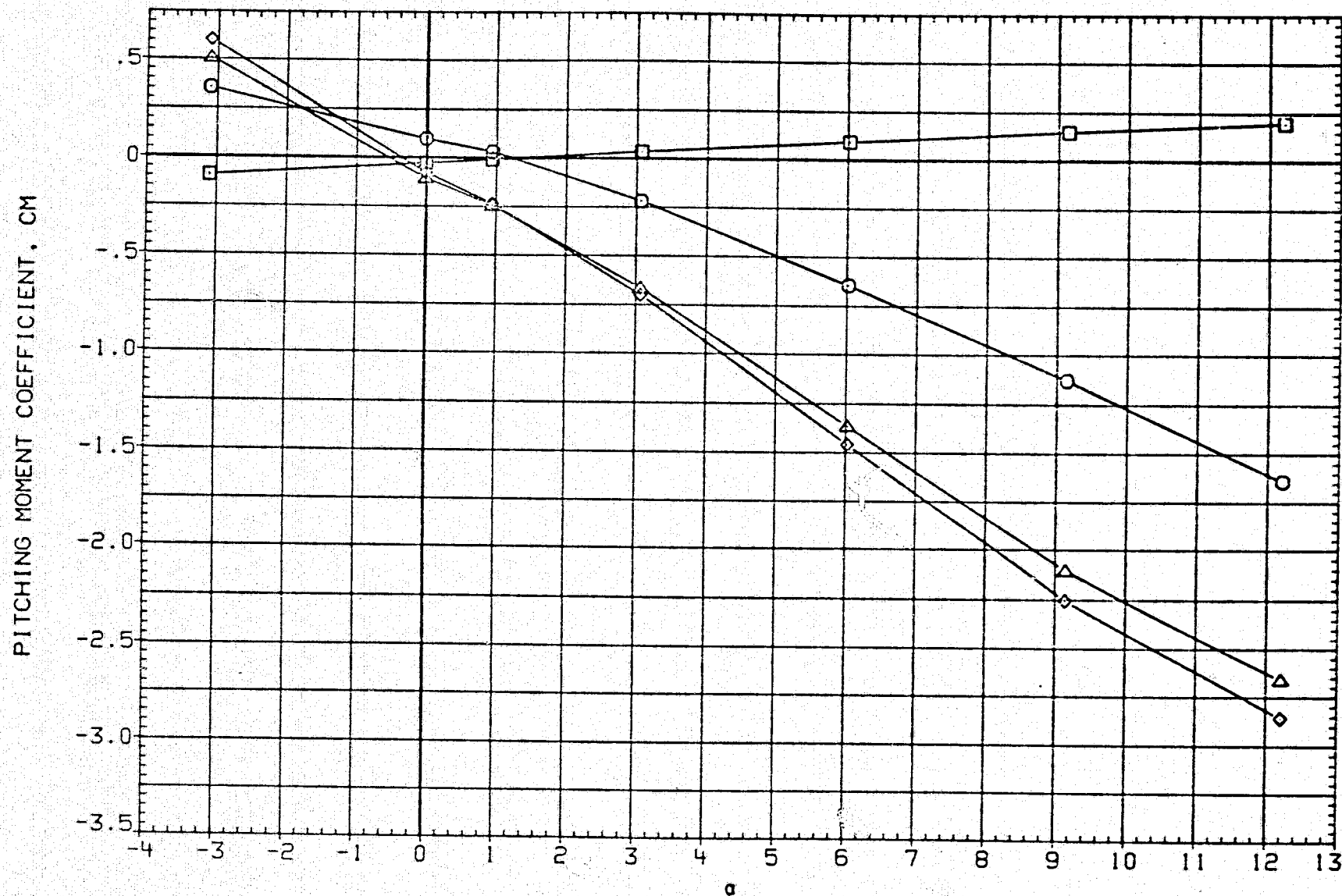


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ093) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.503	BETA	.000
		D1	.000	D3	.000
		D2	-3.000	D4	-3.000
		D1-3	.000	D2-4	-3.000
		PHI-C	.000	PHI-T	.000

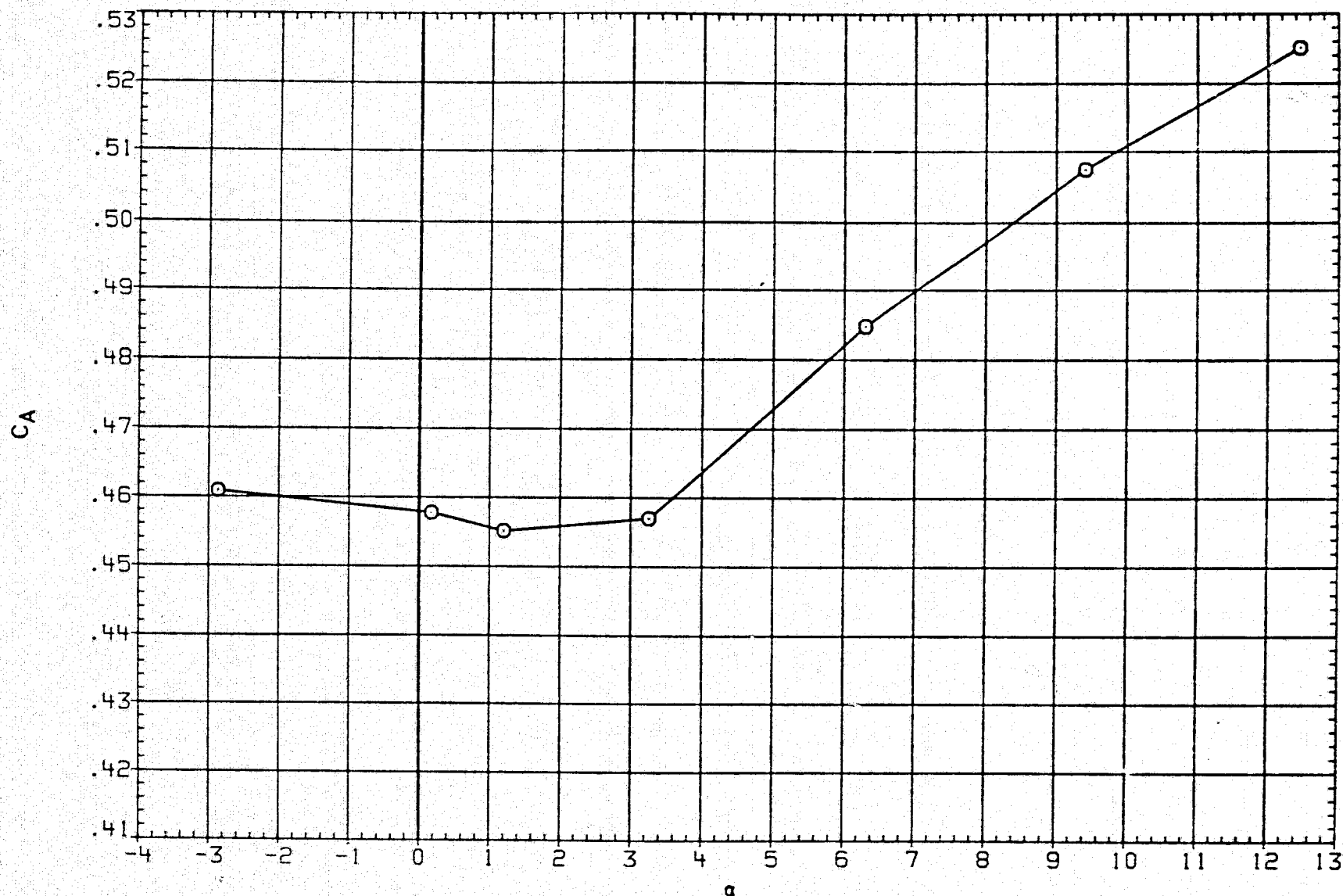


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ093) CONFIGURATION 7 (BN2C:T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.995	BETA	.000
		D1	.000	D3	.000
		D2	-3.000	D4	-3.000
		D1-3	.000	D2-4	-3.000
		PHI-C	.000	PHI-T	.000

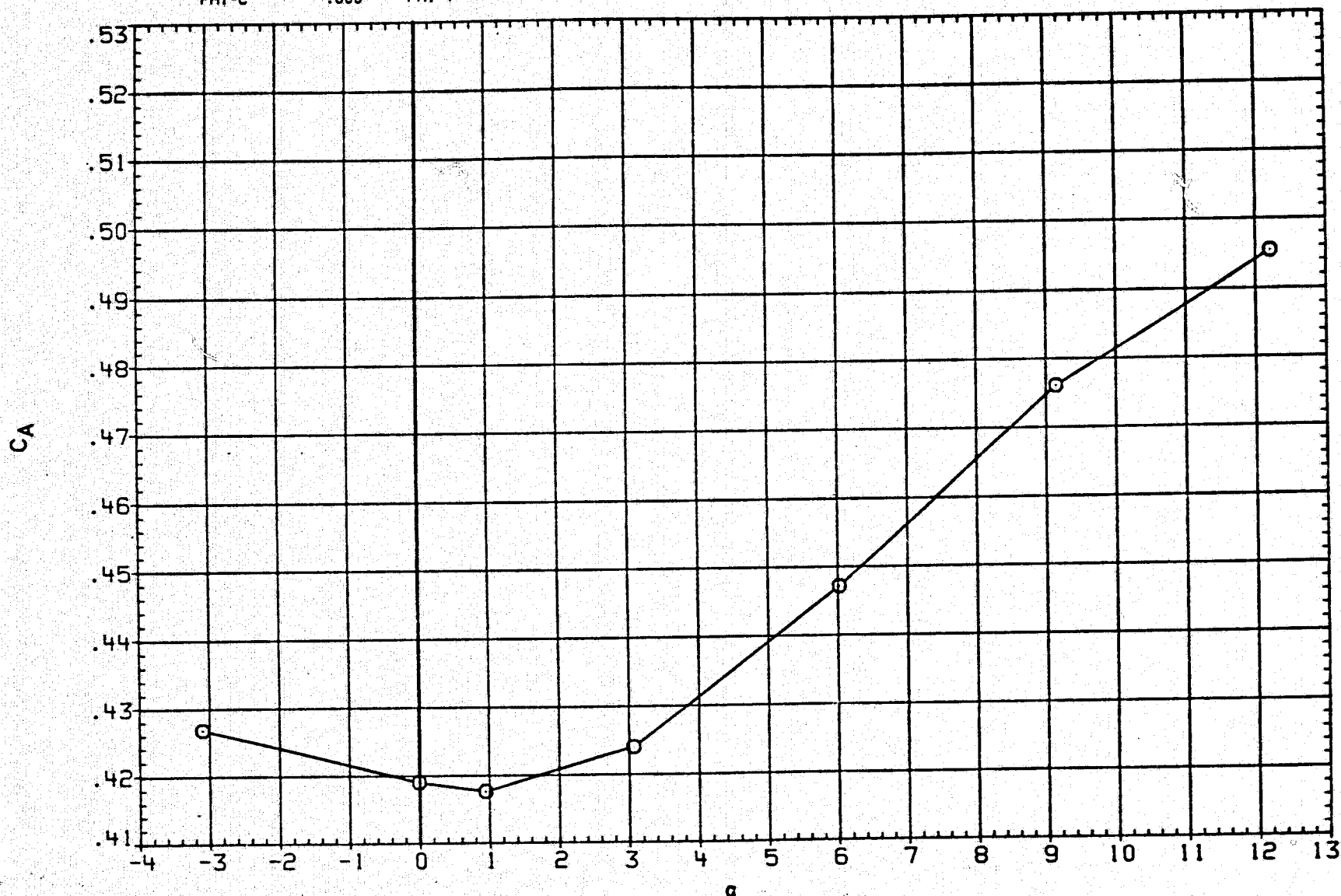


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.503 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 -3.000 D4 -3.000
△	CYB	D1-3 .000 D2-4 -3.000
	PHI-C	.000 PHI-T .000

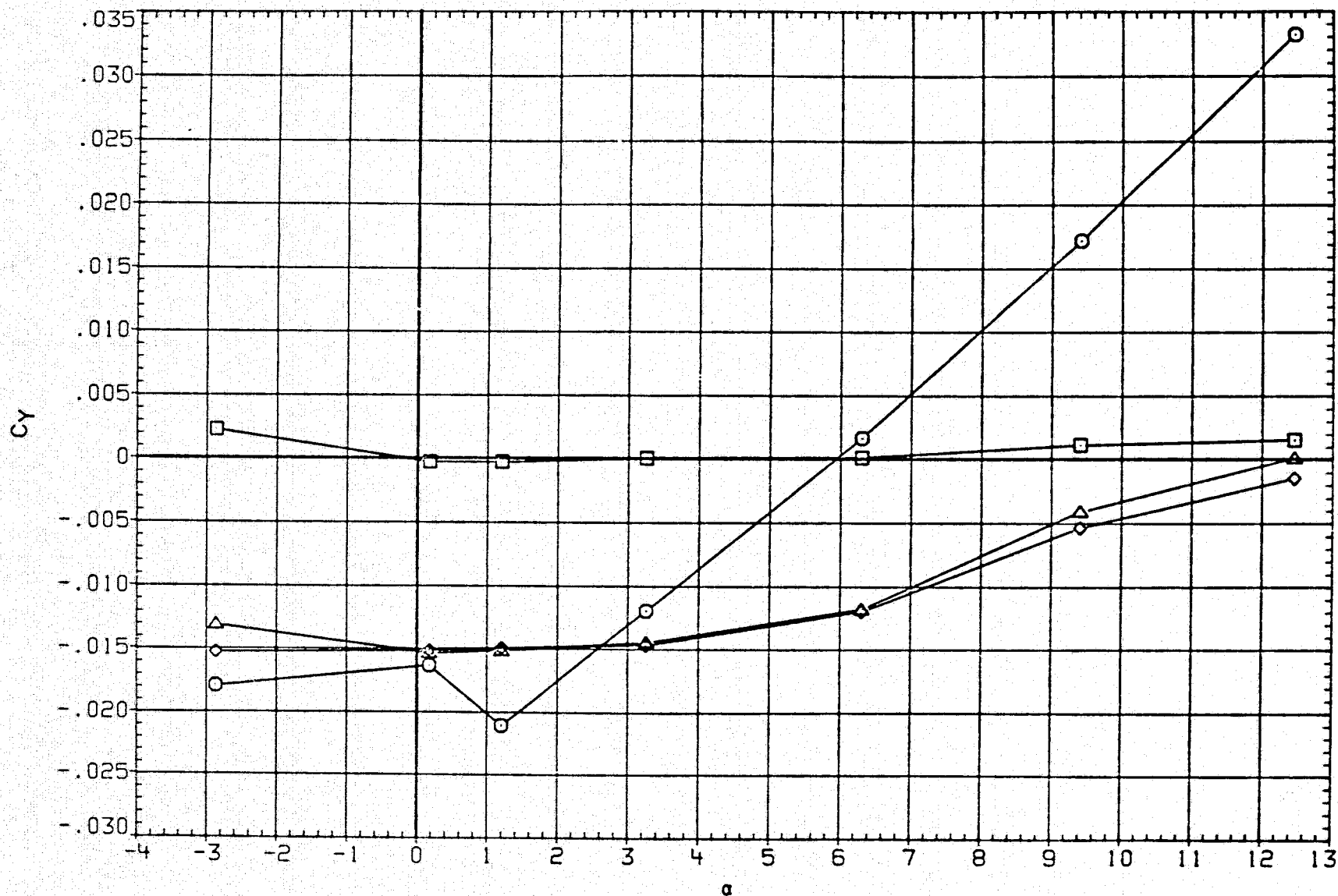


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ093) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 -3.000 D4 -3.000
△	CYB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

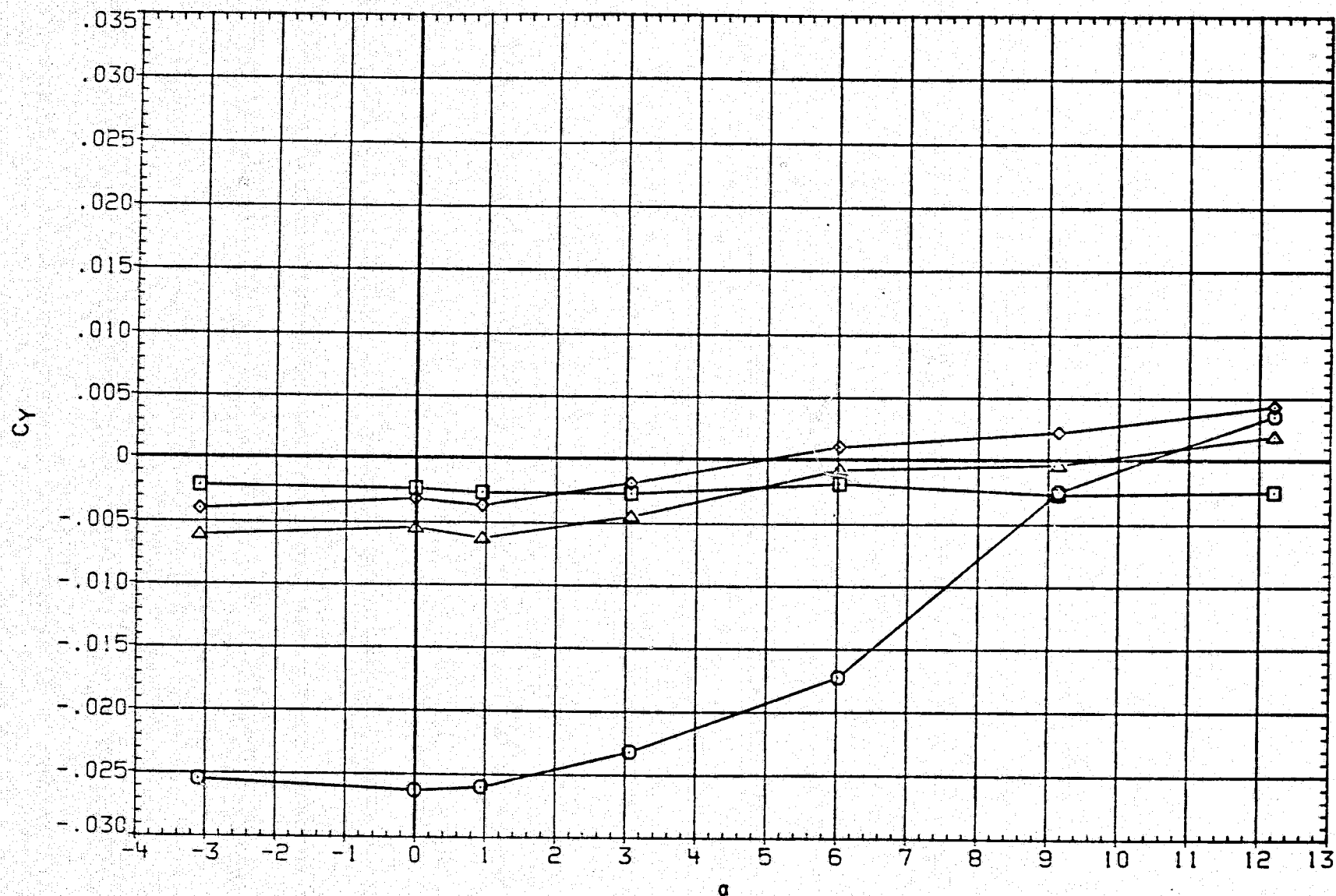


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ093) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.503 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 -3.000 D4 -3.000
△	CYMB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

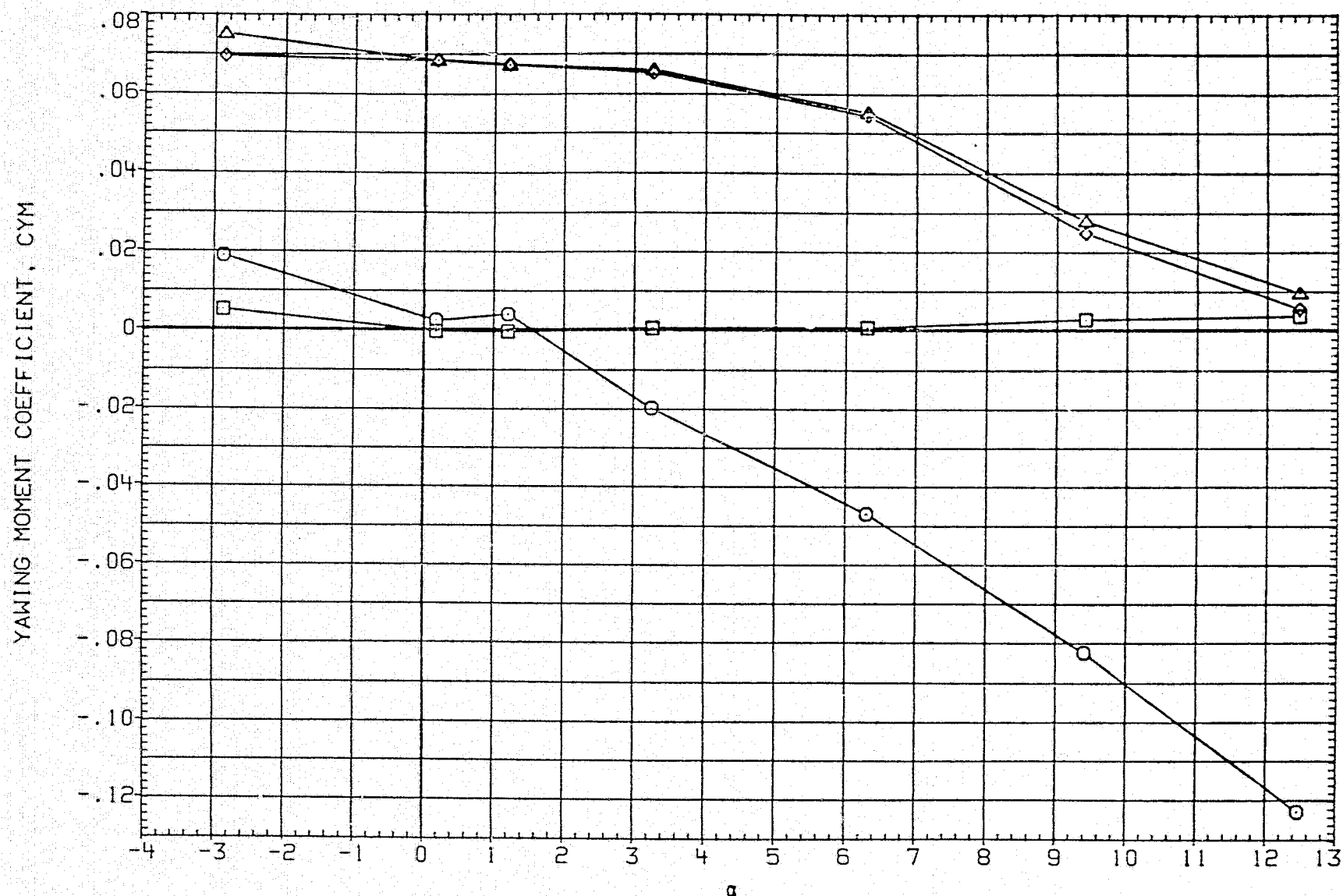


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ093) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.995 BETA .000
□	CYMC	D1 .000 D3 .000
△	CYMT	D2 -3.000 D4 -3.000
◇	CYMB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

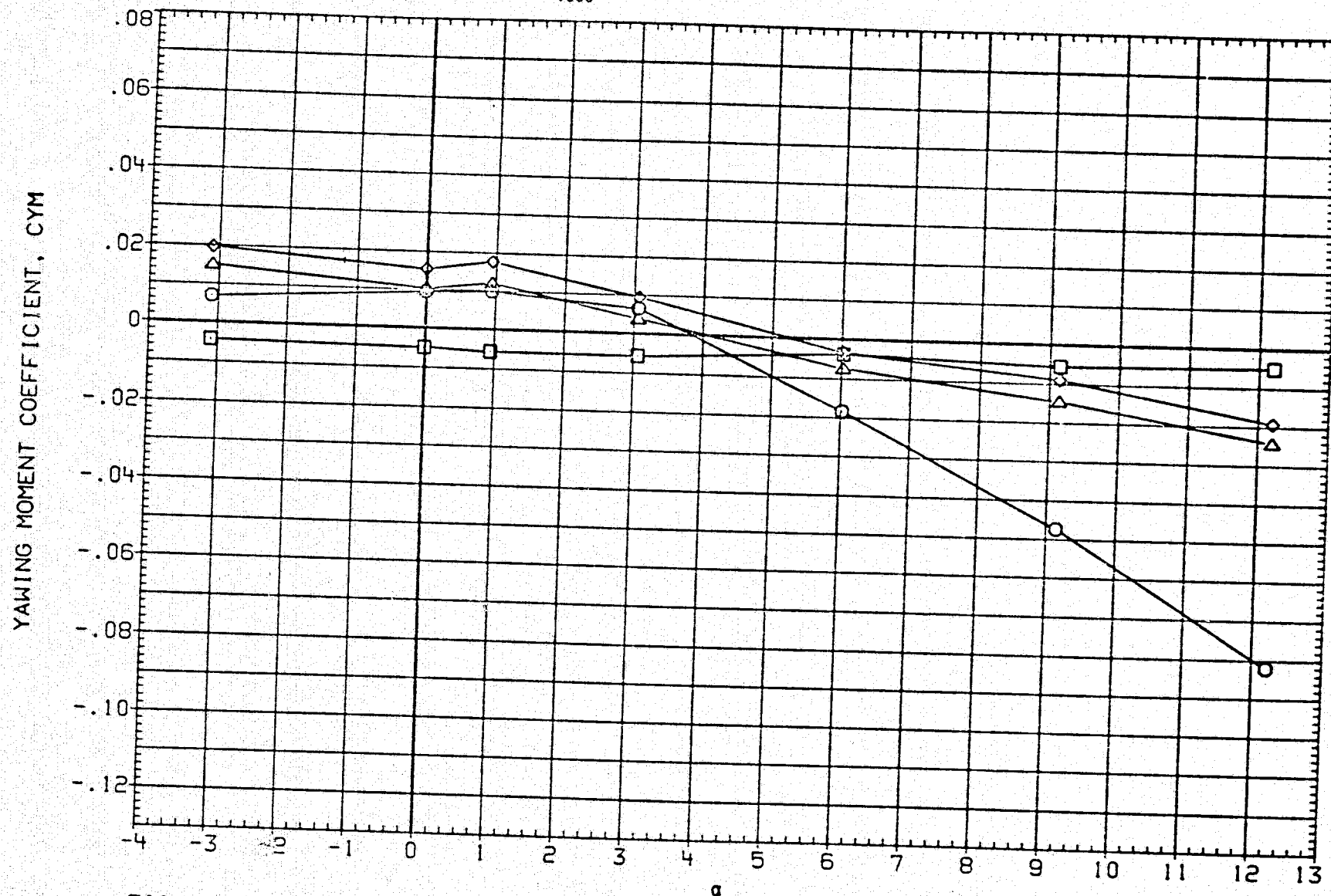


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ093) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CRM	MACH	1.503	BETA	.000
□	CRM	D1	.000	D3	.000
◇	CRM	D2	-3.000	D4	-3.000
△	CRM	D1-3	.000	D2-4	-3.000
		PHI-C	.000	PHI-T	.000

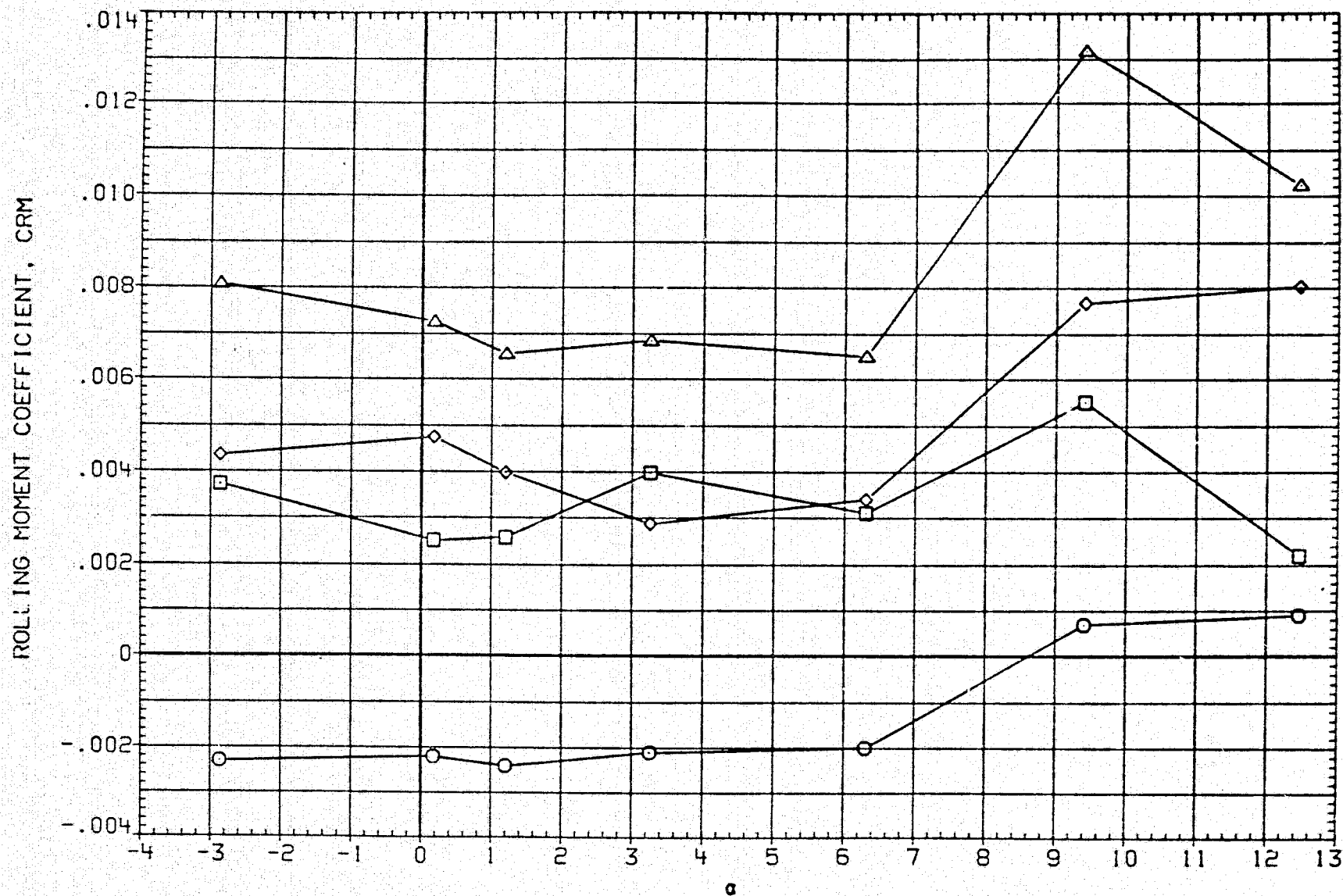


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ093) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.995 BETA .000
□	CRM	D1 .000 D3 .000
◇	CRM	D2 -3.000 D4 -3.000
△	CRM	D1-3 .000 D2-4 -3.000
	PHI-C	.000 PHI-T .000

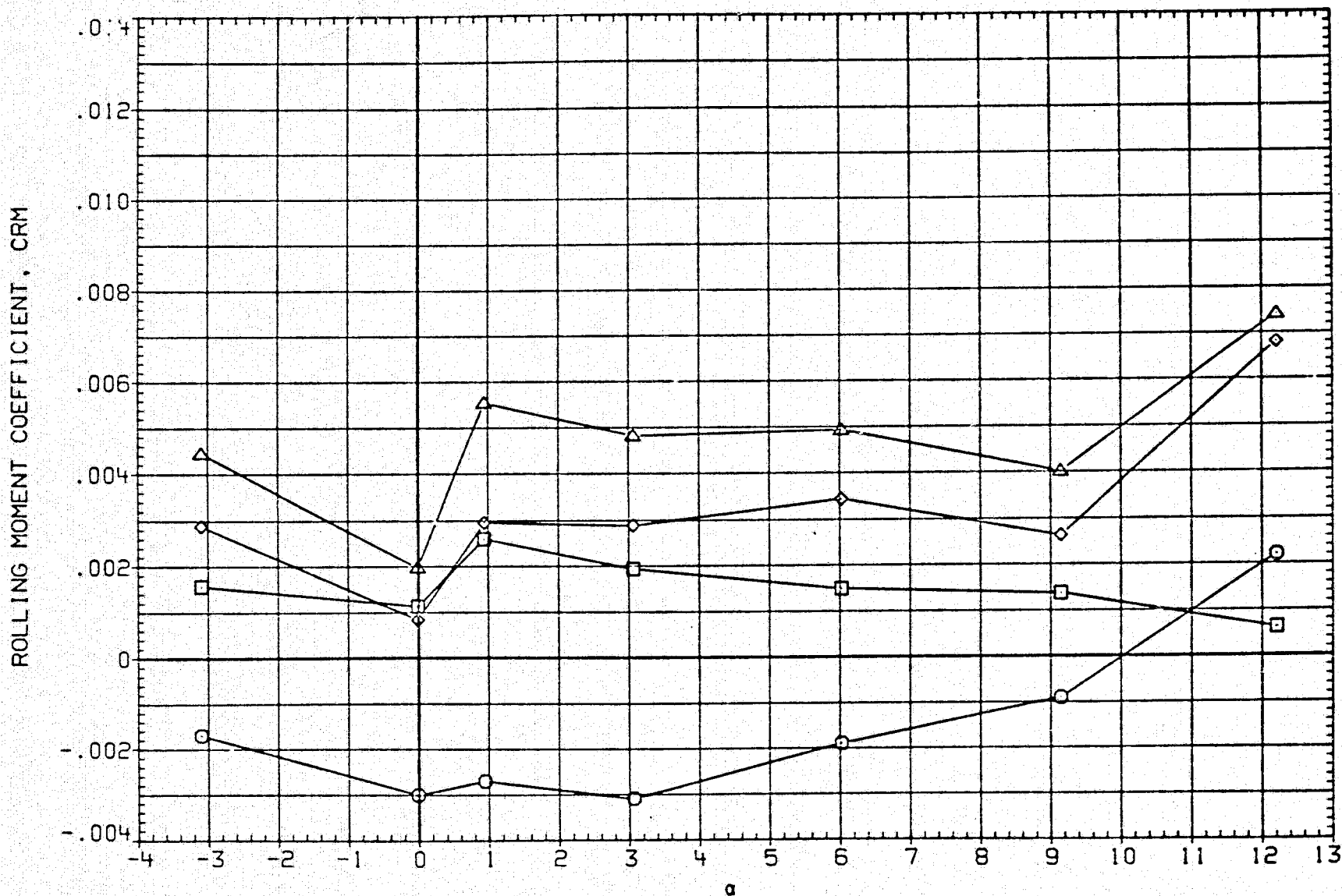


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ094) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.494 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 .000 D4 .000
△	CNB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

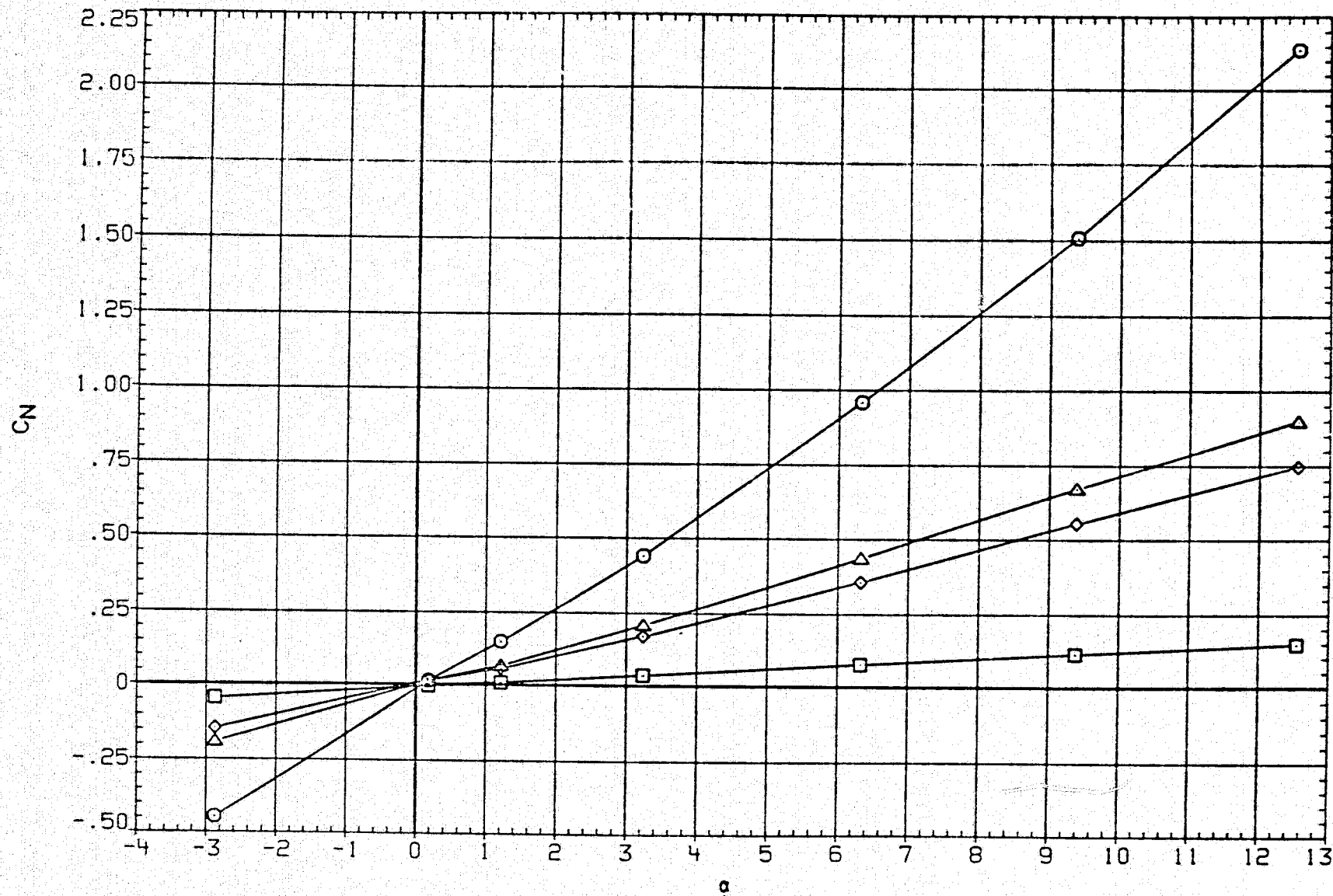


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ094) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.990 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 .000 D4 .000
△	CNB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

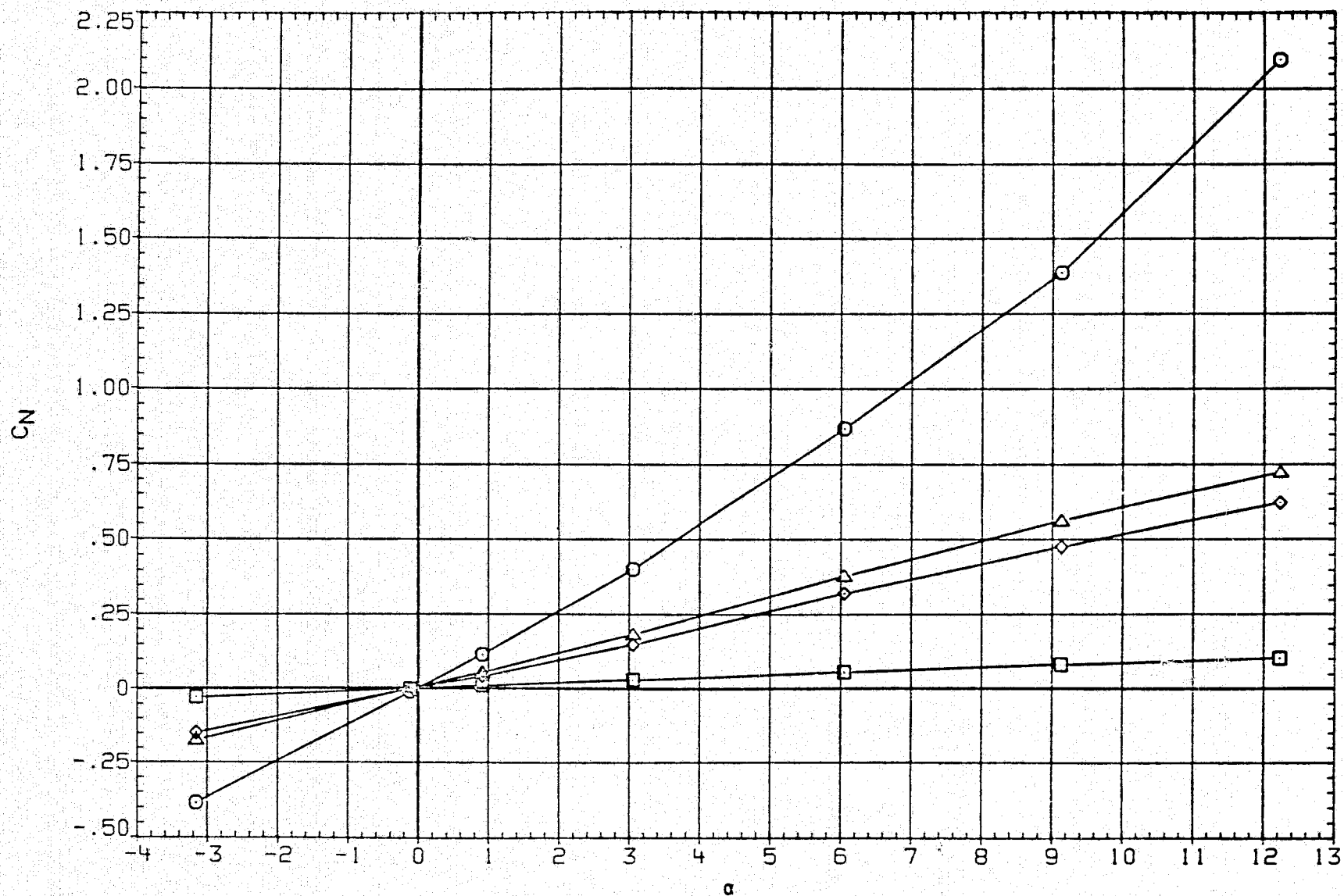


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ094) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA
○	CM	1.494	D1	.000
□	CMC	.000	D3	.000
◇	CMT	.000	D4	.000
△	CMB	.000	D2-4	.000
		PHI-C	PHI-T	.000

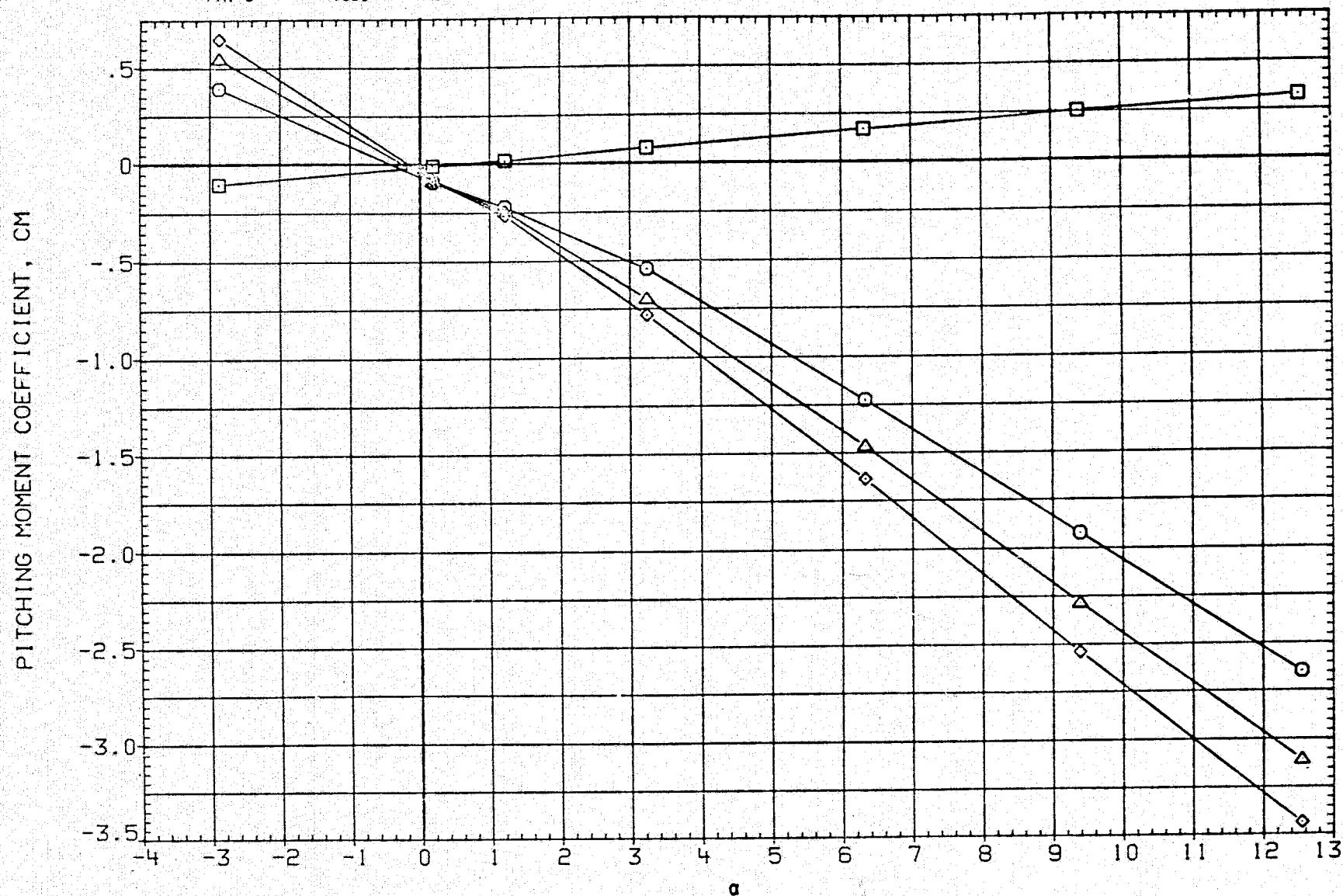


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ094) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CM	MACH	1.990	BETA	.000
□	CMC	D1	.000	D3	.000
◇	CMT	D2	.000	D4	.000
△	CMB	D1-3	.000	D2-4	.000
		PHI-C	.000	PHI-T	.000

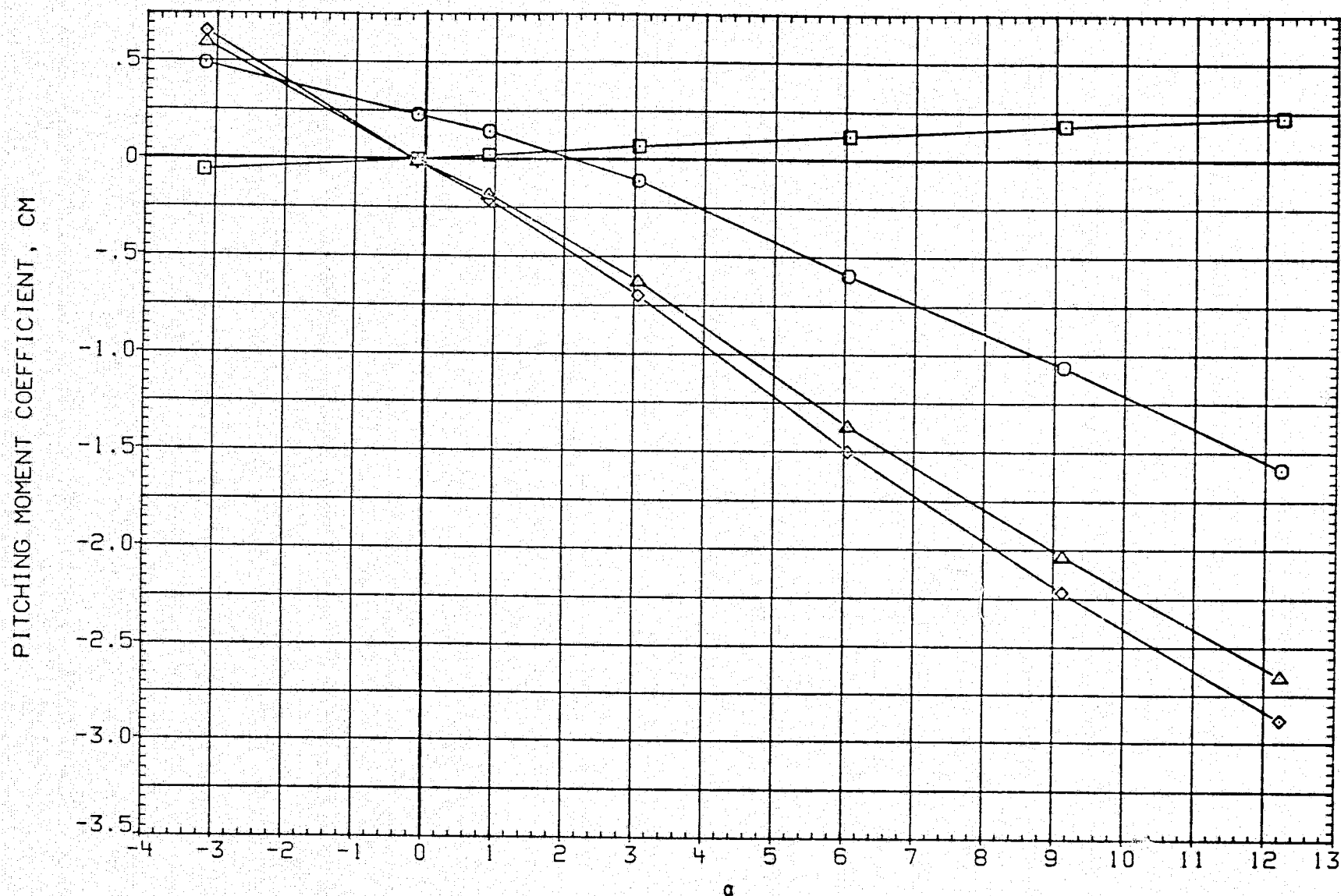


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ094) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.494	BETA	.000
		D1	.000	D3	.000
		D2	.000	D4	.000
		D1-3	.000	D2-4	.000
		PHI-C	.000	PHI-T	.000

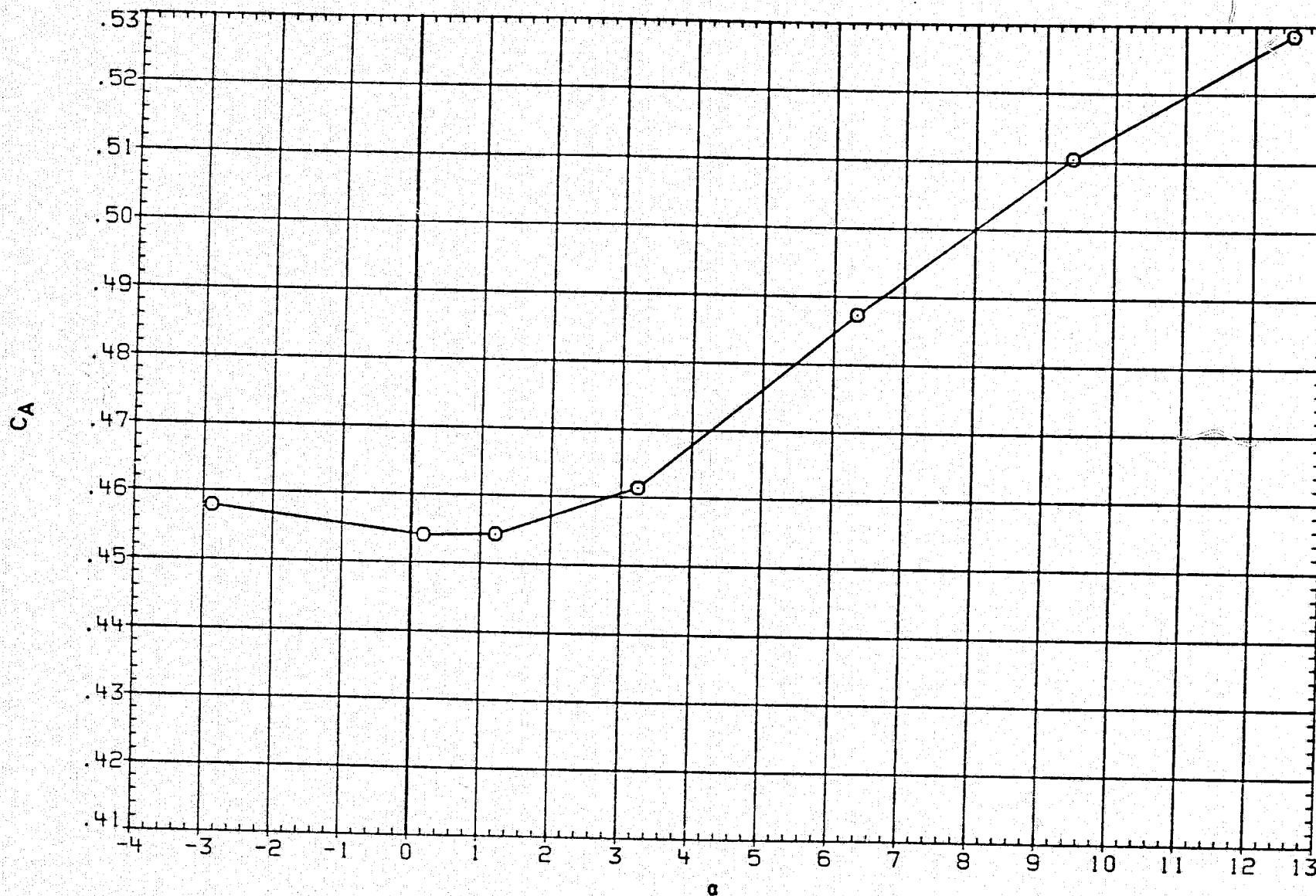


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ094) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.990	BETA	.000
		D1	.000	D3	.000
		D2	.000	D4	.000
		D1-3	.000	D2-4	.000
		PHI-C	.000	PHI-T	.000

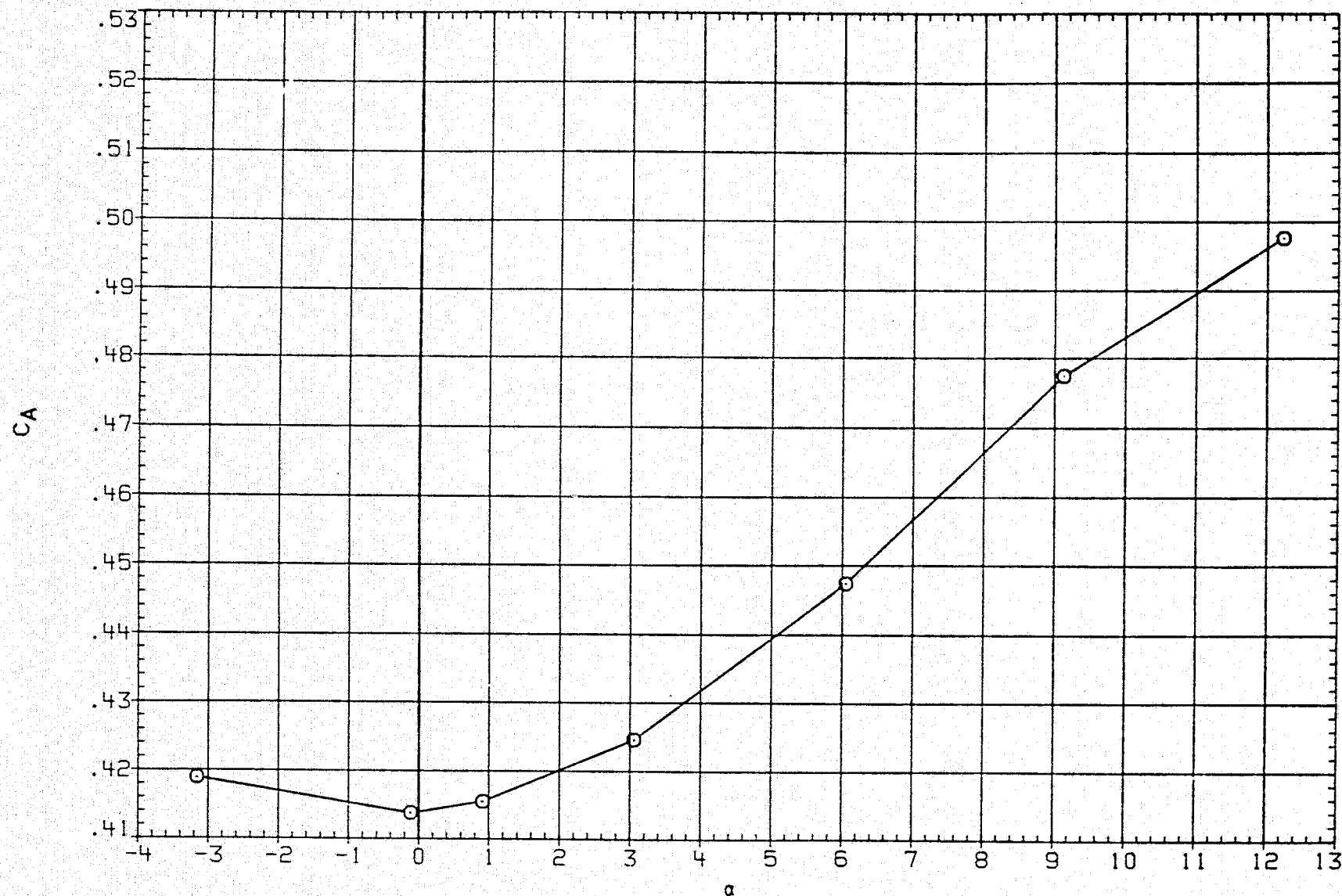


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ094) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CY	1.494	D1	.000	.000
□	CYC	.000	D2	.000	.000
◇	CYT	.000	D1-3	.000	.000
△	CYB	.000	PHI-C	.000	.000
			PHI-T	.000	.000

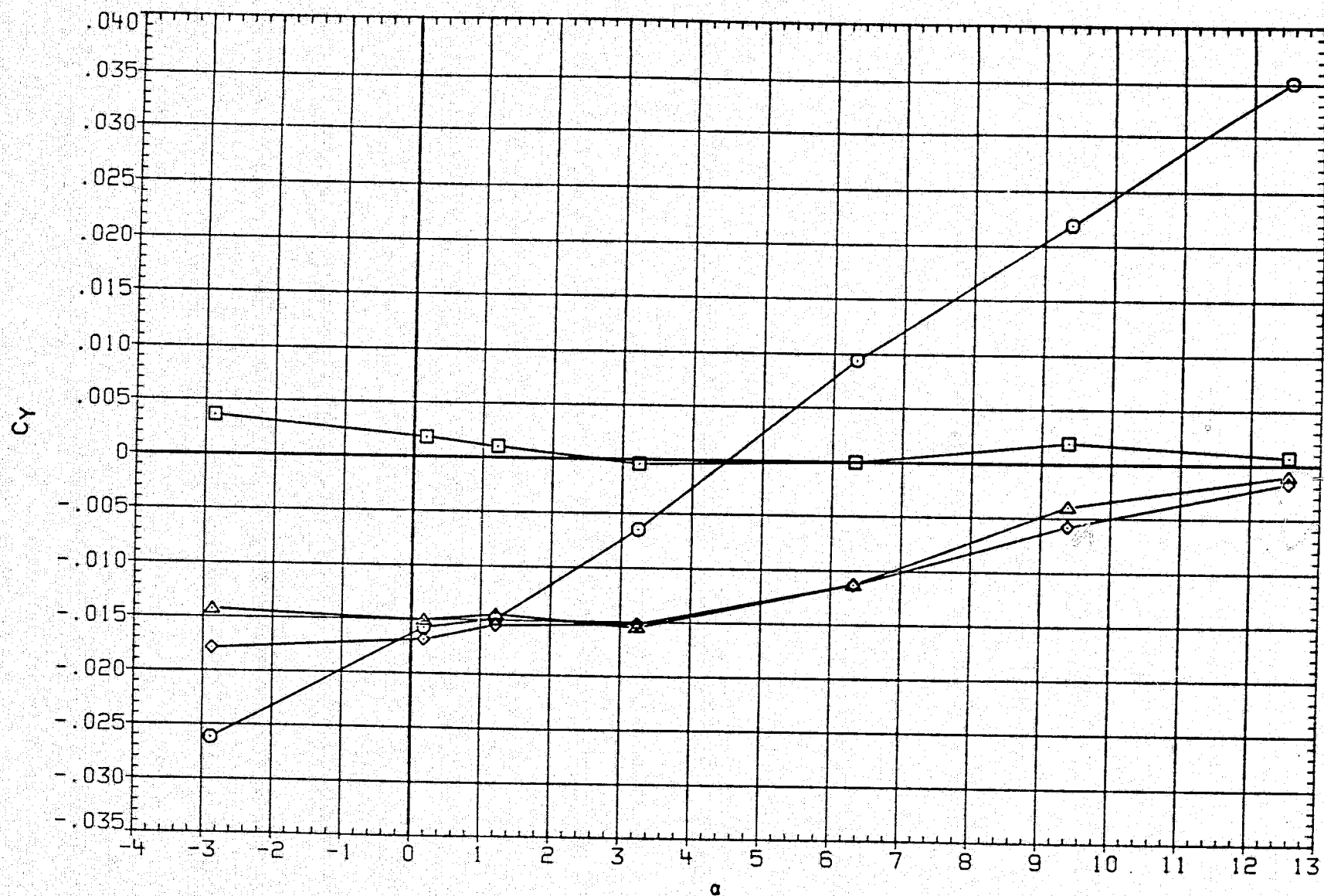


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ094)

CONFIGURATION 7 (BN2C1T1)

SYMBOL DATA

○

CY

◇

CYC

△

CYT

△

CYB

MACH

PARAMETRIC VALUES

D1

1.990

BETA

.000

D2

.000

D3

.000

D1-3

.000

D4

.000

PHI-C

.000

D2-4

.000

PHI-T

.000

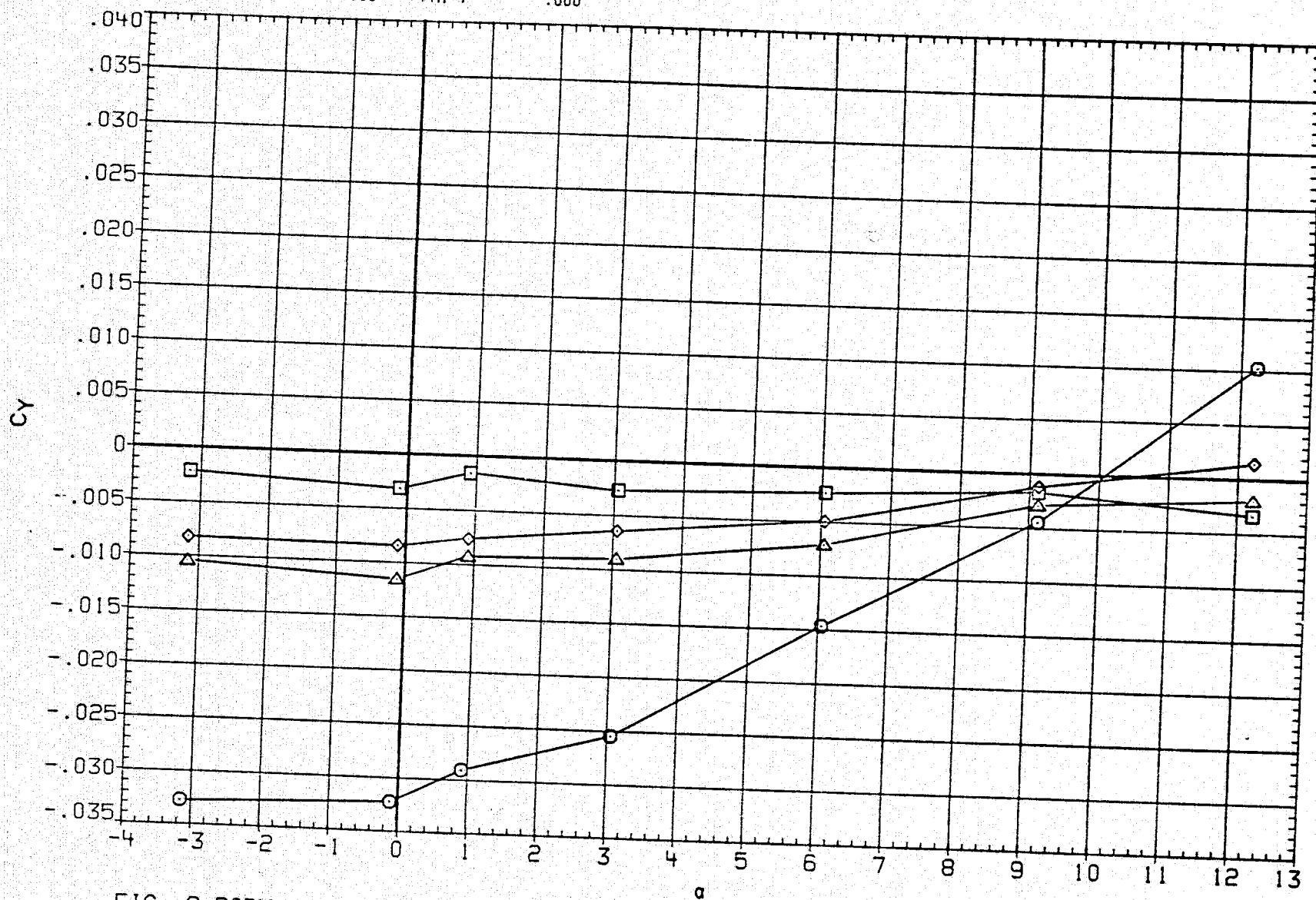


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ094) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.494 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 .000 D4 .000
△	CYMB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

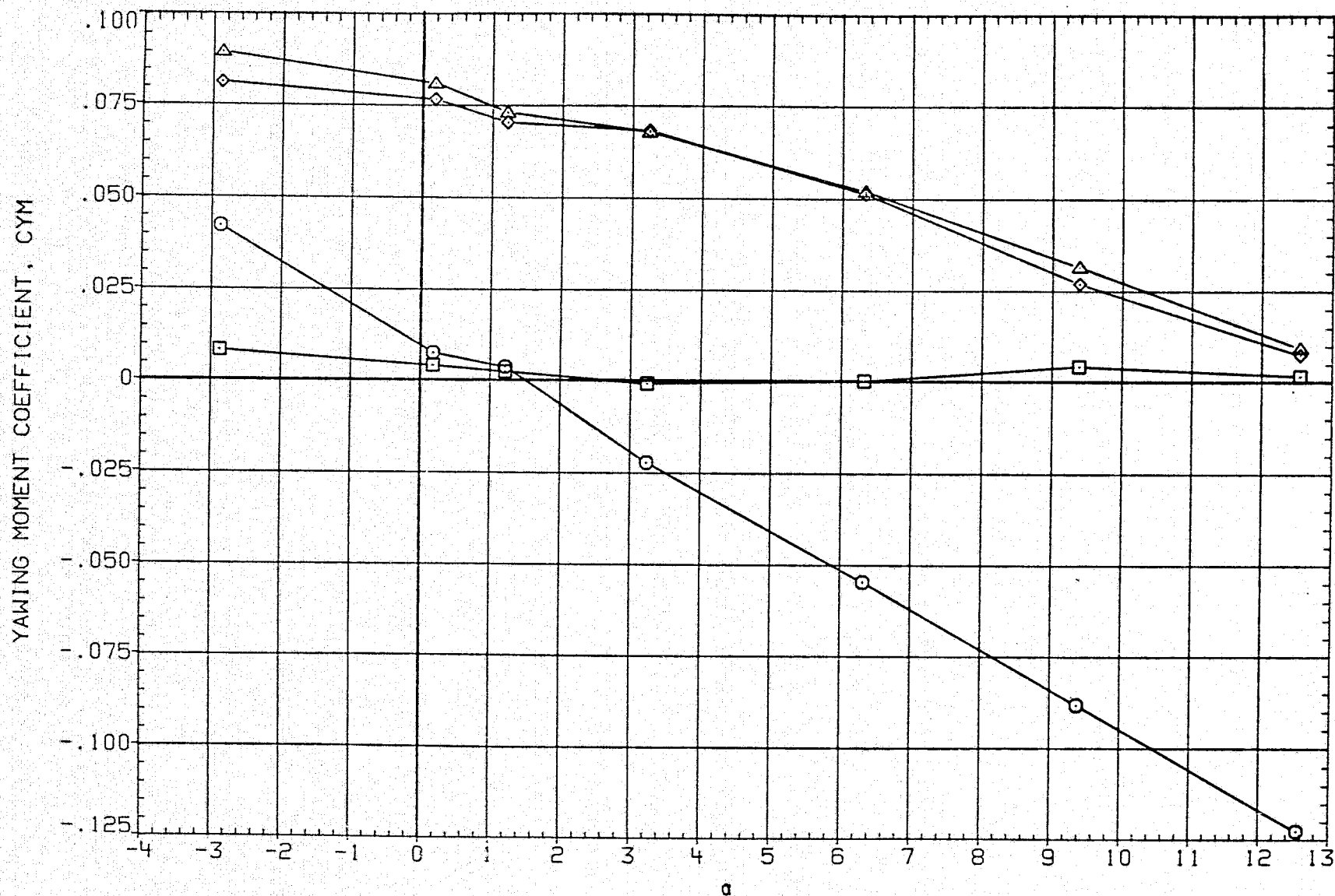


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ094) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CYM	1.990	D1	.000	
□	CYMC	.000	D2	.000	
◇	CYMT	.000	D1-3	.000	
△	CYMB	.000	PHI-C	.000	
			PHI-T	.000	

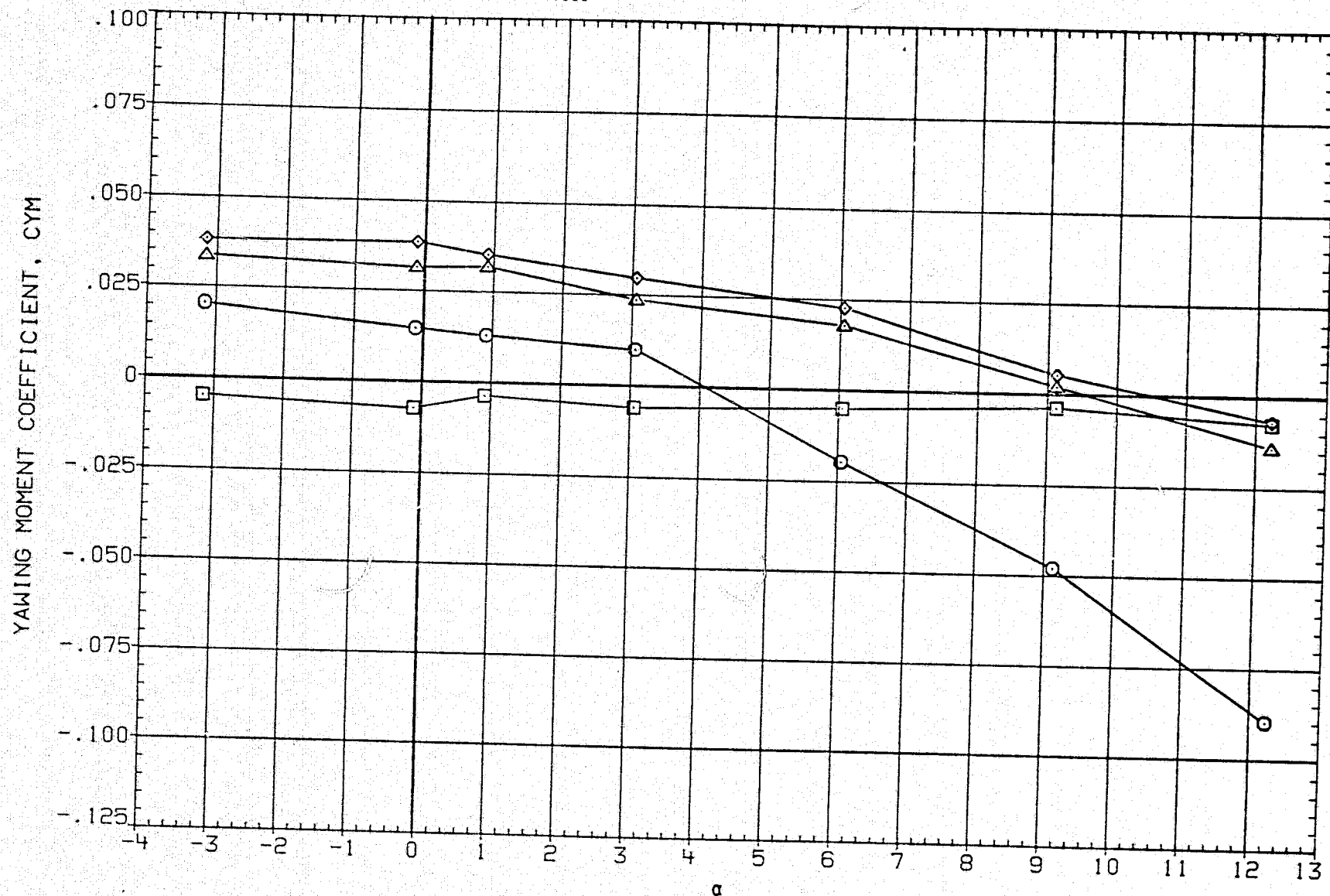


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ094) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	MACH	1.494	SETA	.000
○	CRM	D1	.000	D3	.000
□	CRMC	D2	.000	D4	.000
◇	CRMT	D1-3	.000	D2-4	.000
△	CRMB	PHI-C	.000	PHI-T	.000

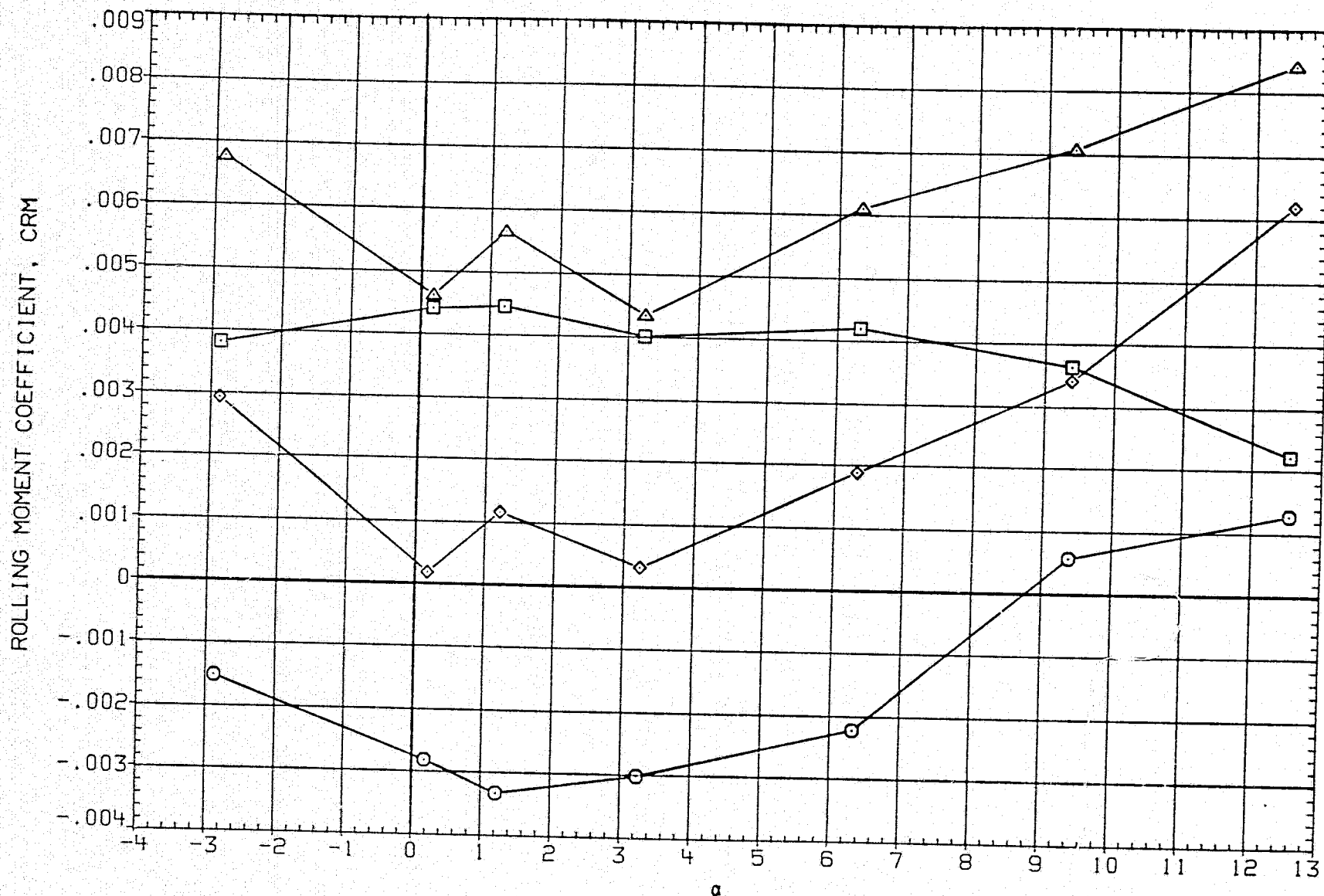


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ094) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.990 BETA .000
□	CRMC	D1 .000 D3 .000
◇	CRMT	D2 .000 D4 .000
△	CRMB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

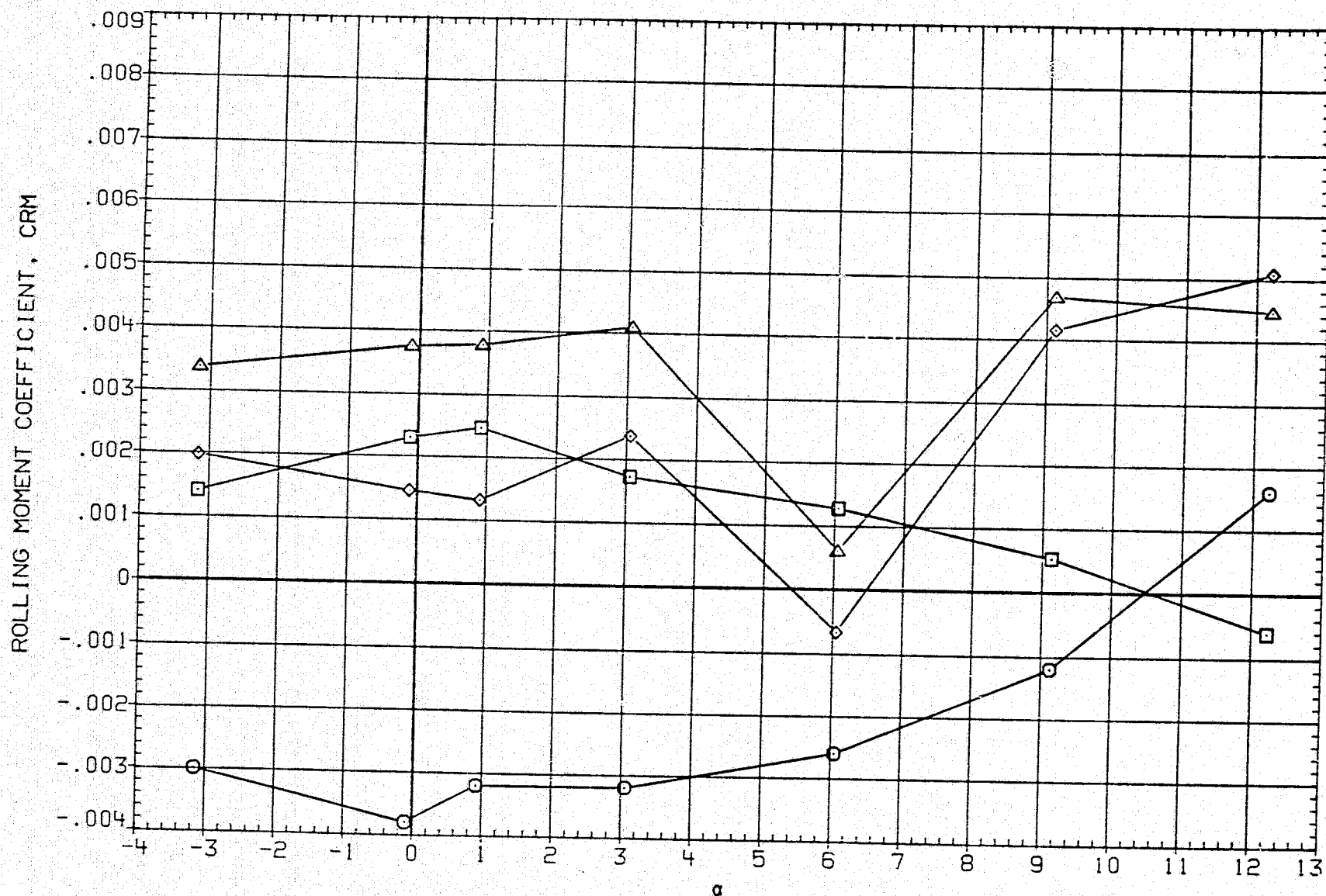


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ095) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.494 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 1.000 D4 1.000
△	CNB	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

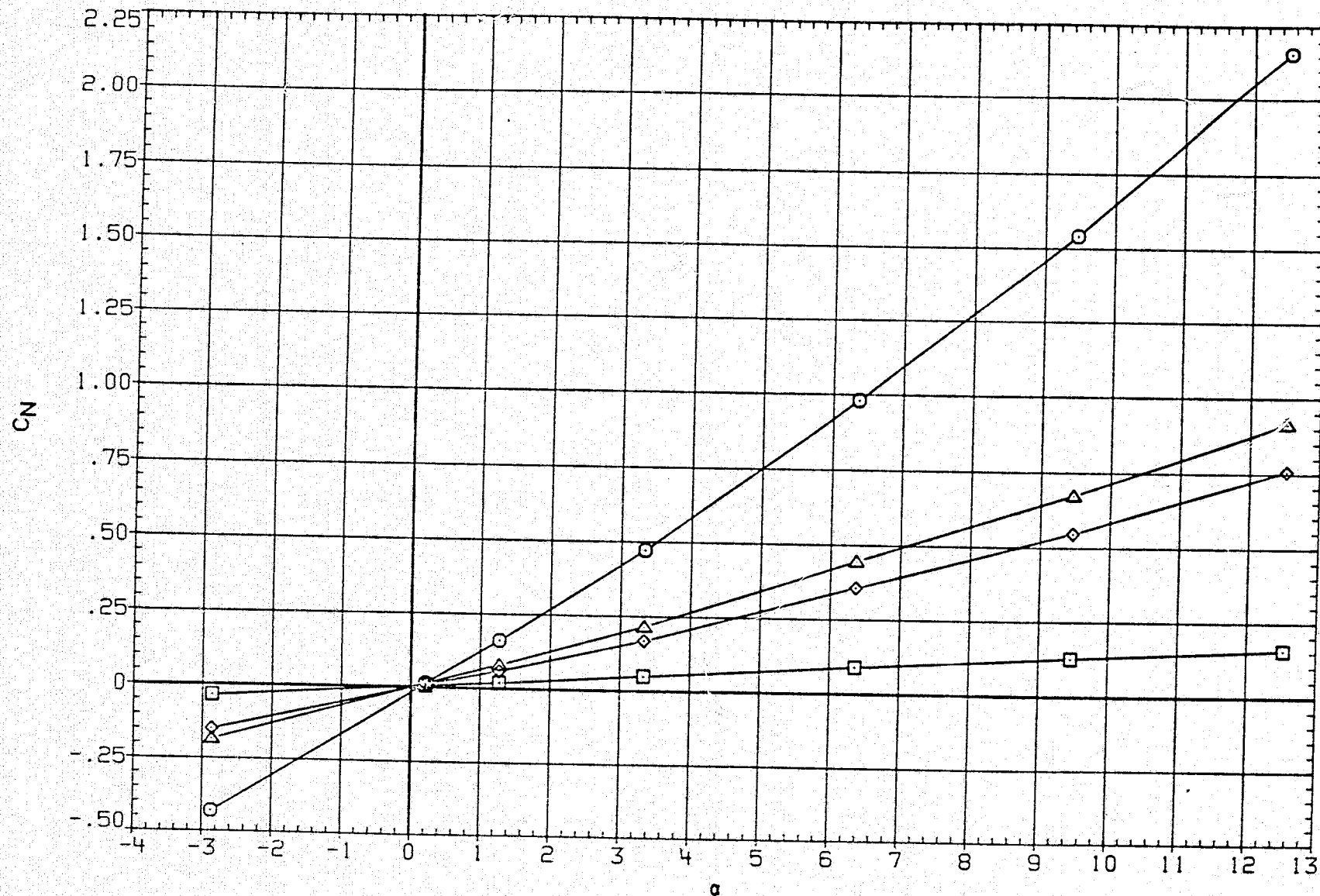


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ095) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.990 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 1.000 D4 1.000
△	CND	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

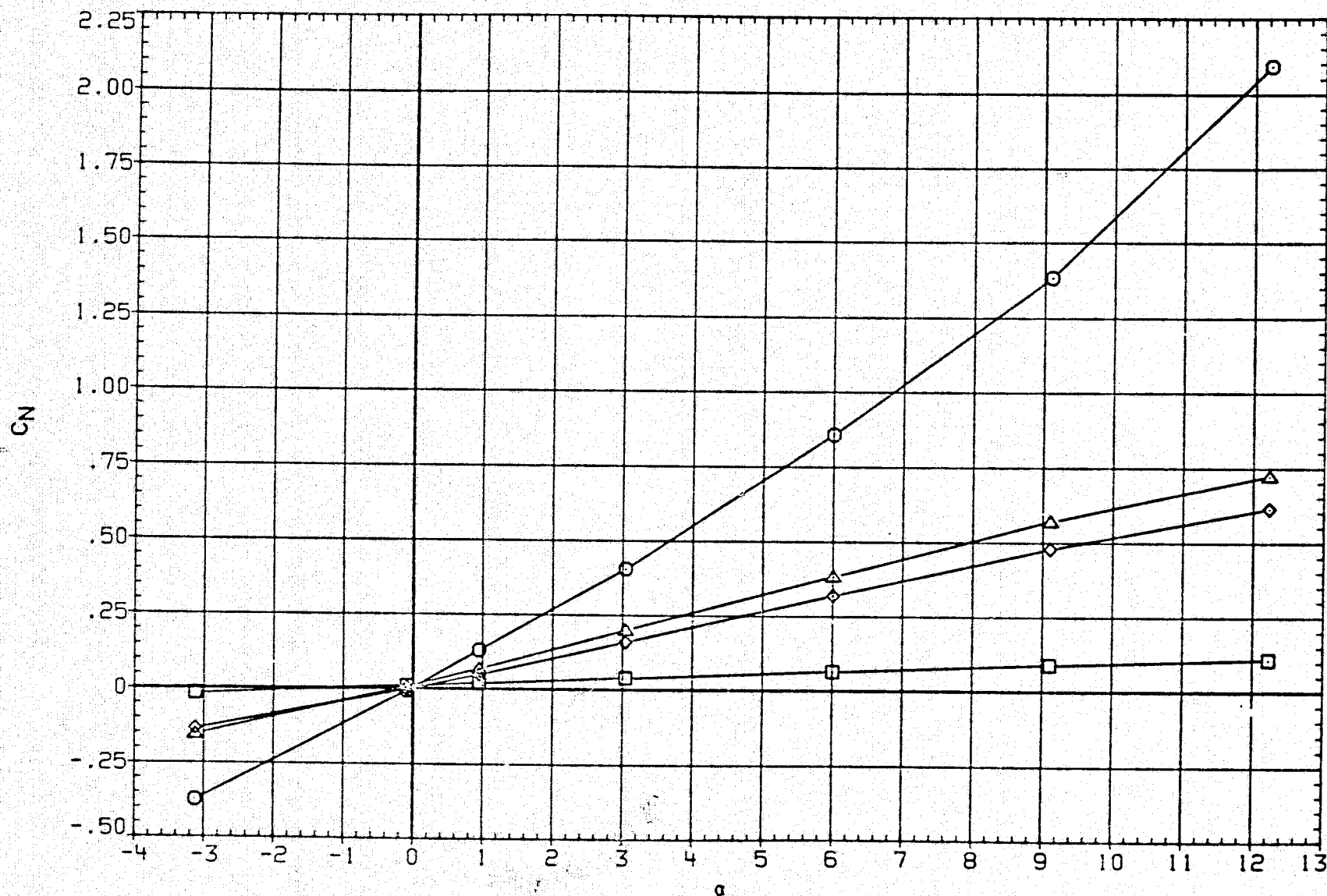


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ095) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.494 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 1.000 D4 1.000
△	CHB	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

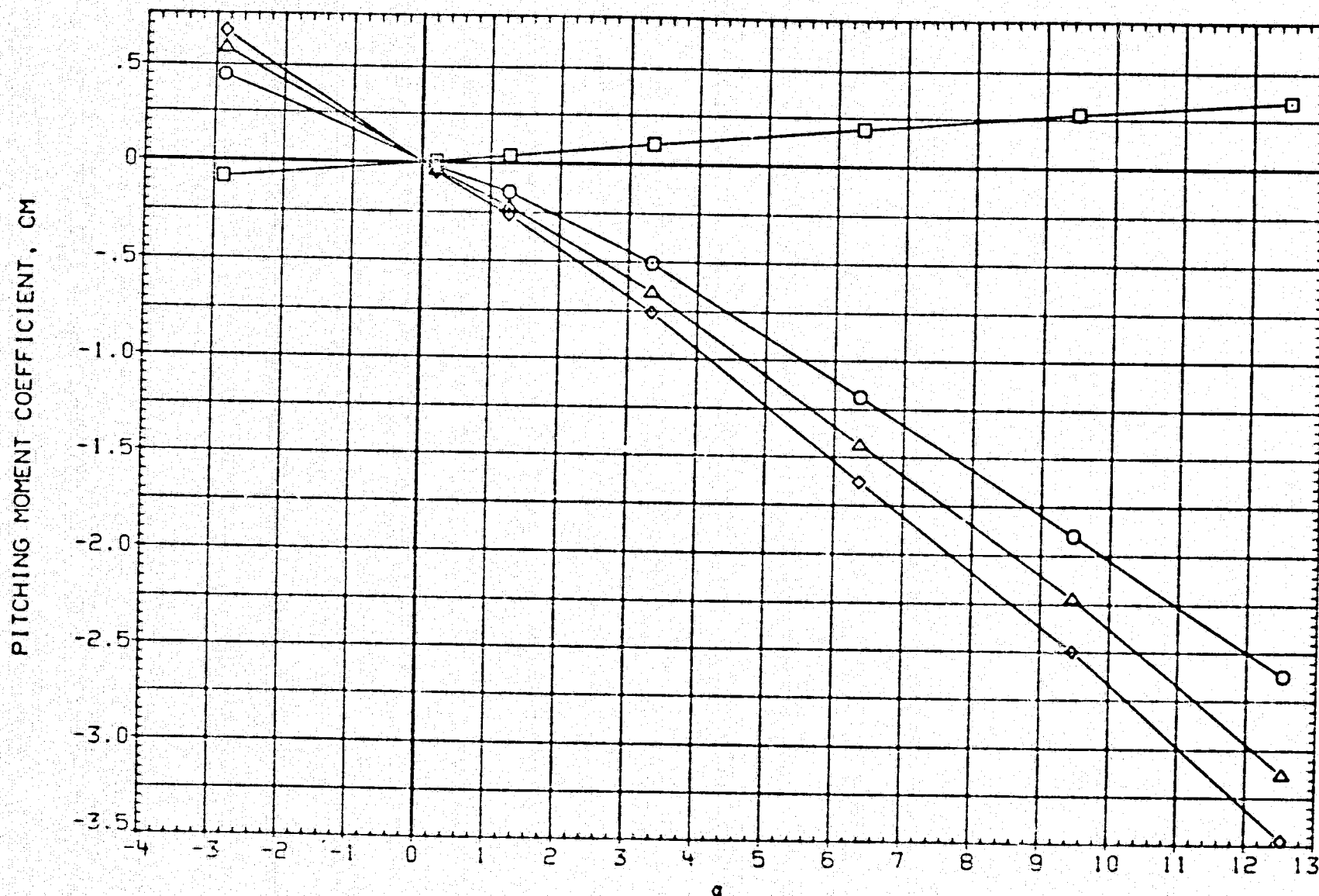


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ095) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CM	MACH	1.990	BETA	.000
□	CMC	D1	.000	D3	.000
◇	CMT	D2	1.000	D4	1.000
△	CMB	D1-3	.000	D2-4	1.000
		PHI-C	.000	PHI-T	.000

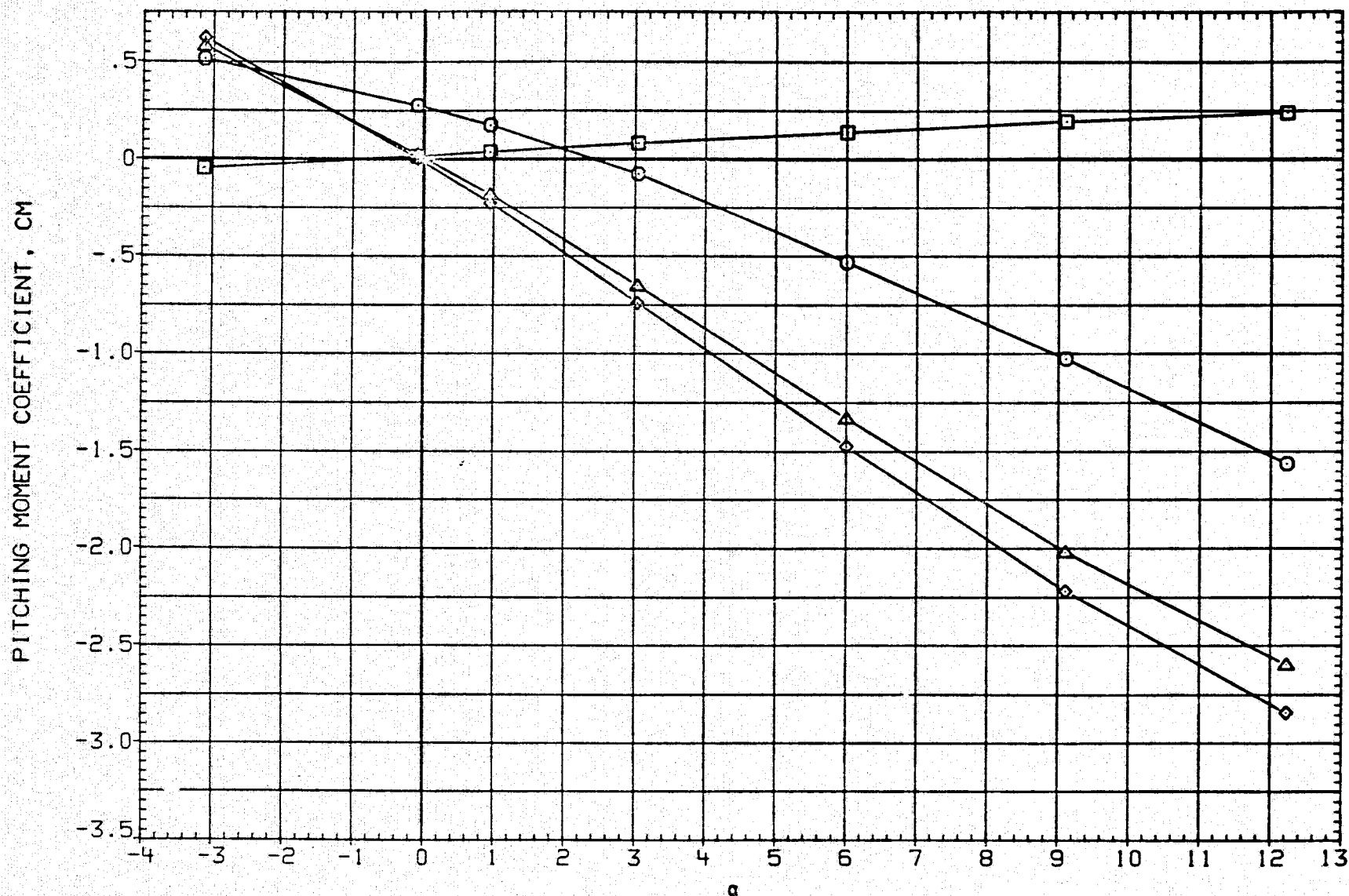


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ095) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.494	BETA	.000
		D1	.000	D3	.000
		D2	1.000	D4	1.000
		D1-3	.000	D2-4	1.000
		PHI-C	.000	PHI-T	.000

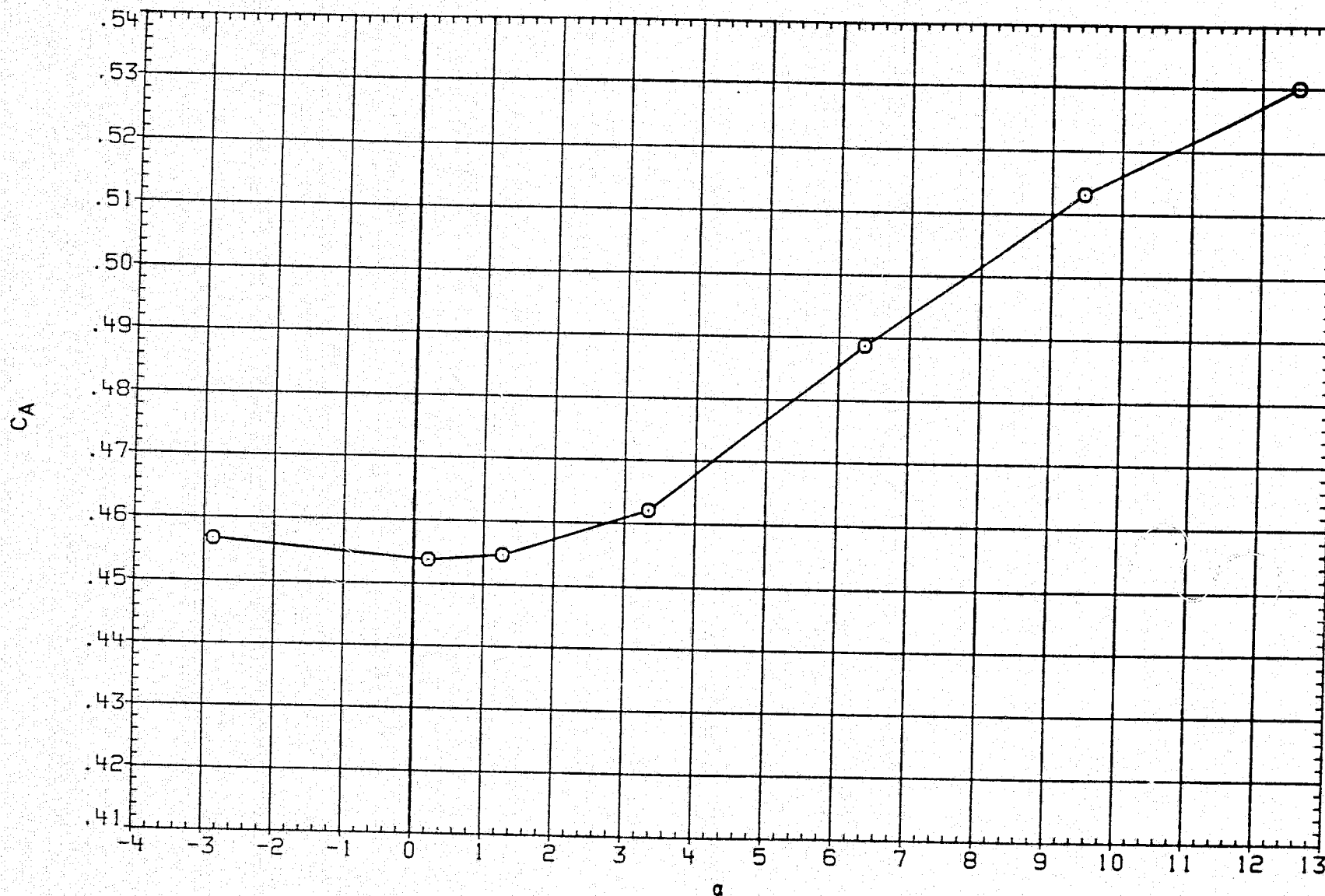


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ095) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.990	BETA	.000
		D1	.000	D3	.000
		D2	1.000	D4	1.000
		D1-3	.000	D2-4	1.000
		PHI-C	.000	PHI-1	.000

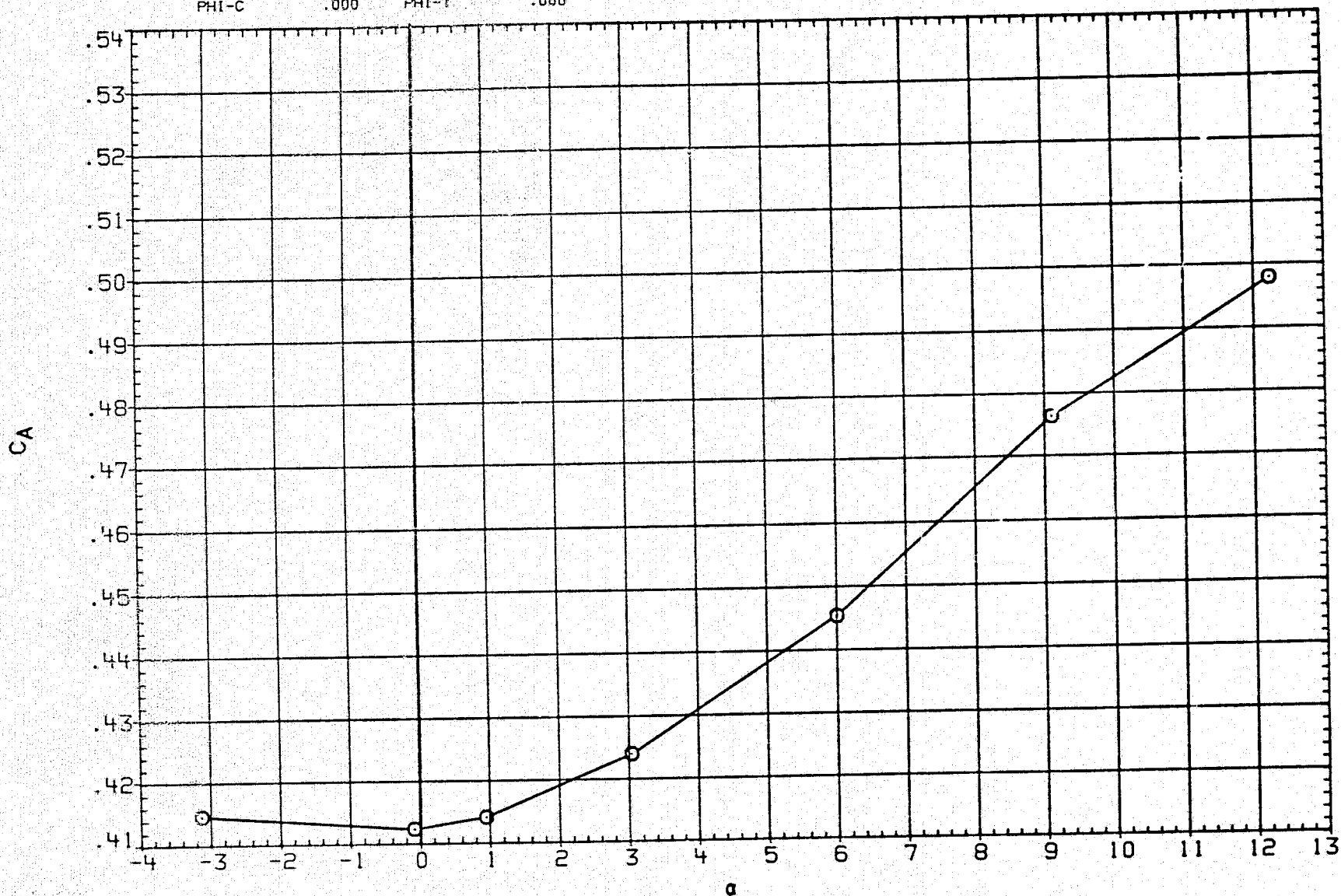


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ095) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
0.00	CY	MACH	1.494	BETA	.000
	CYC	D1	.000	D3	.000
	CYT	D2	1.000	D4	1.000
	CYB	D1-3	.000	D2-4	1.000
		PHI-C	.000	PHI-T	.000

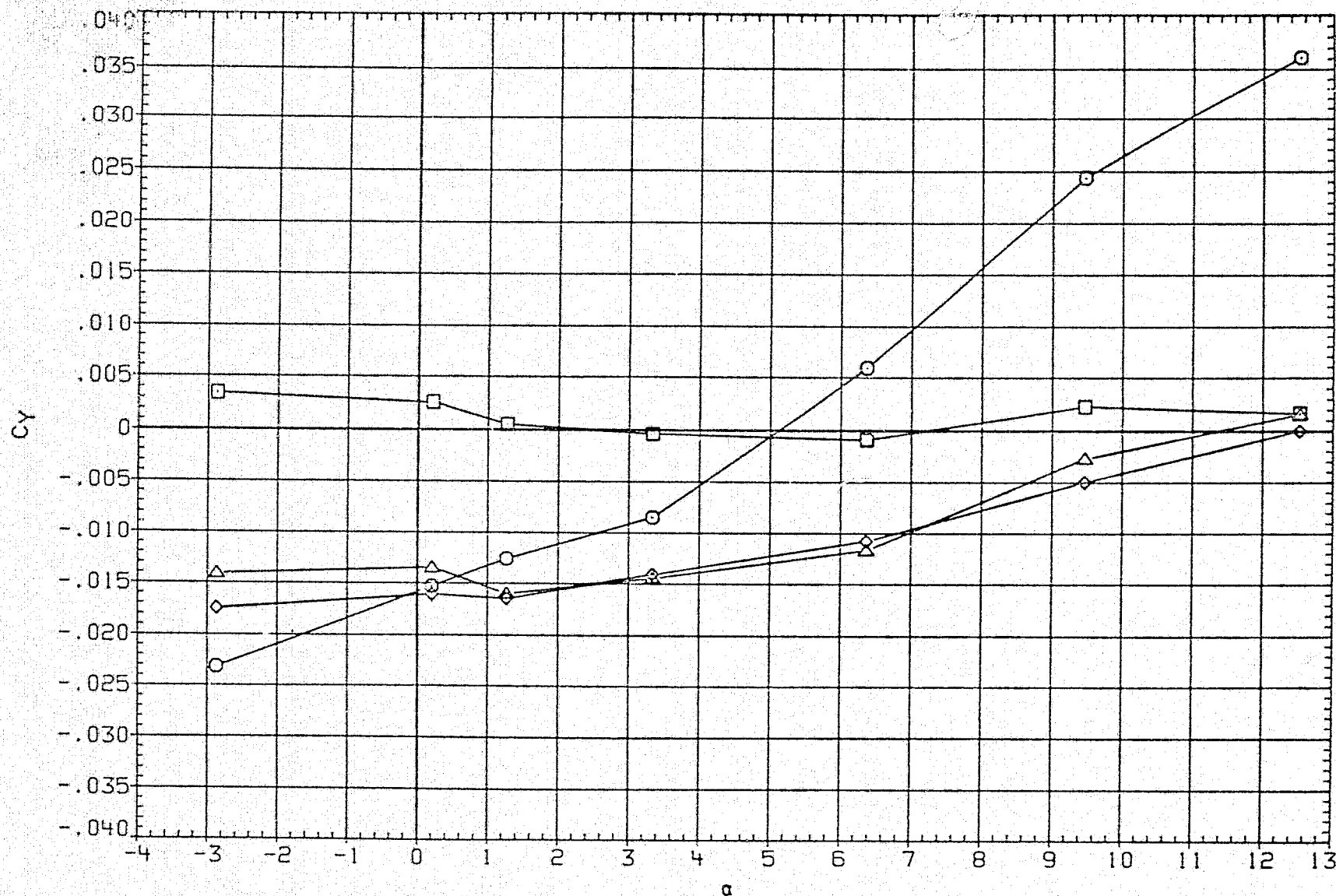


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ095) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.990 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 1.000 D4 1.000
△	CYB	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

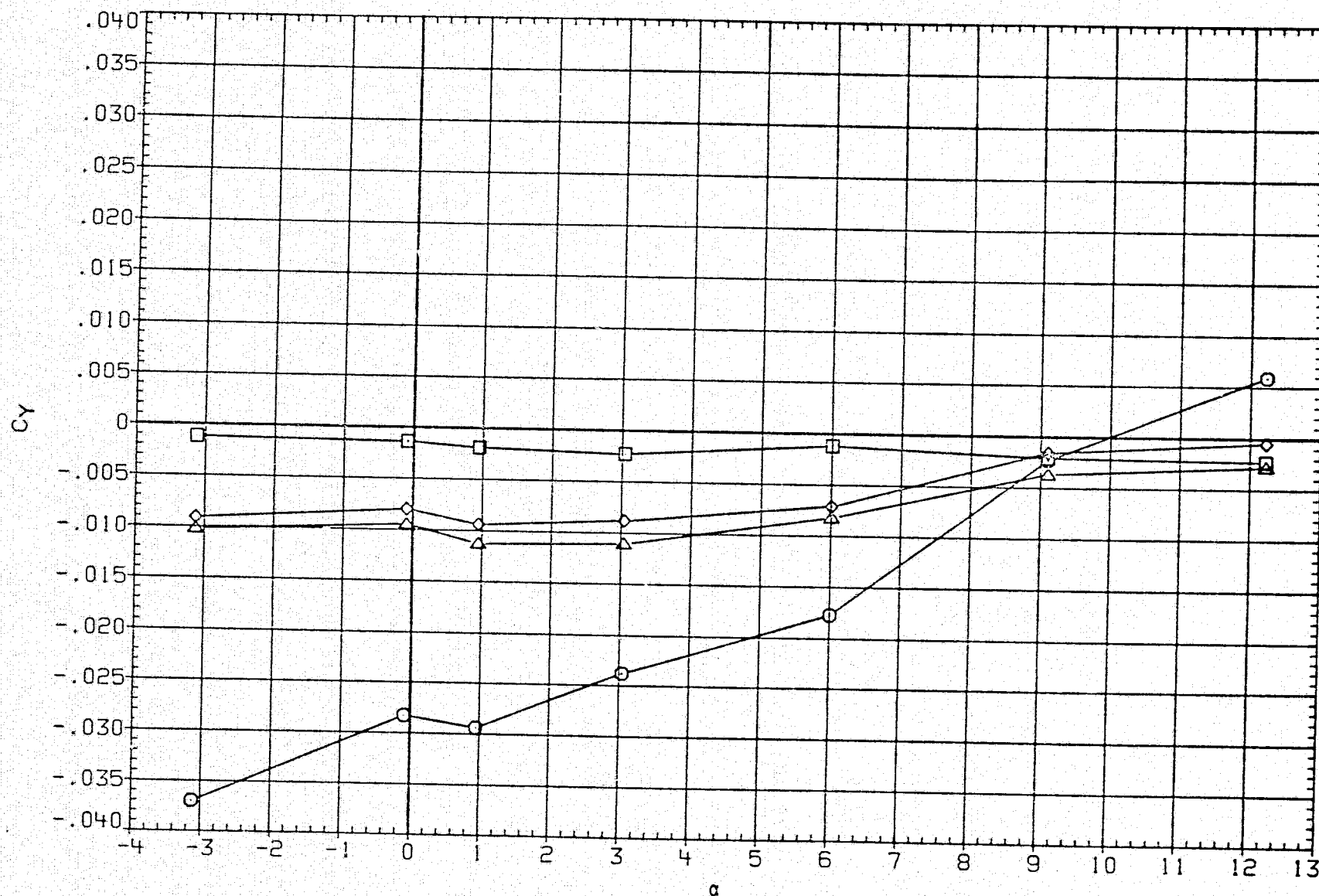


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ095)

CONFIGURATION 7 (BN2C1T1)

SYMBOL

DATA

PARAMETRIC VALUES

○
□
◇
△

CYM
CYMC
CYMT
CYMB

MACH
D1
D2
D1-3
PHI-C

1.494
.000
1.000
.000
.000

BETA
D3
D4
D2-4
PHI-T

.000
.000
1.000
1.000
.000

YAWING MOMENT COEFFICIENT, CYM

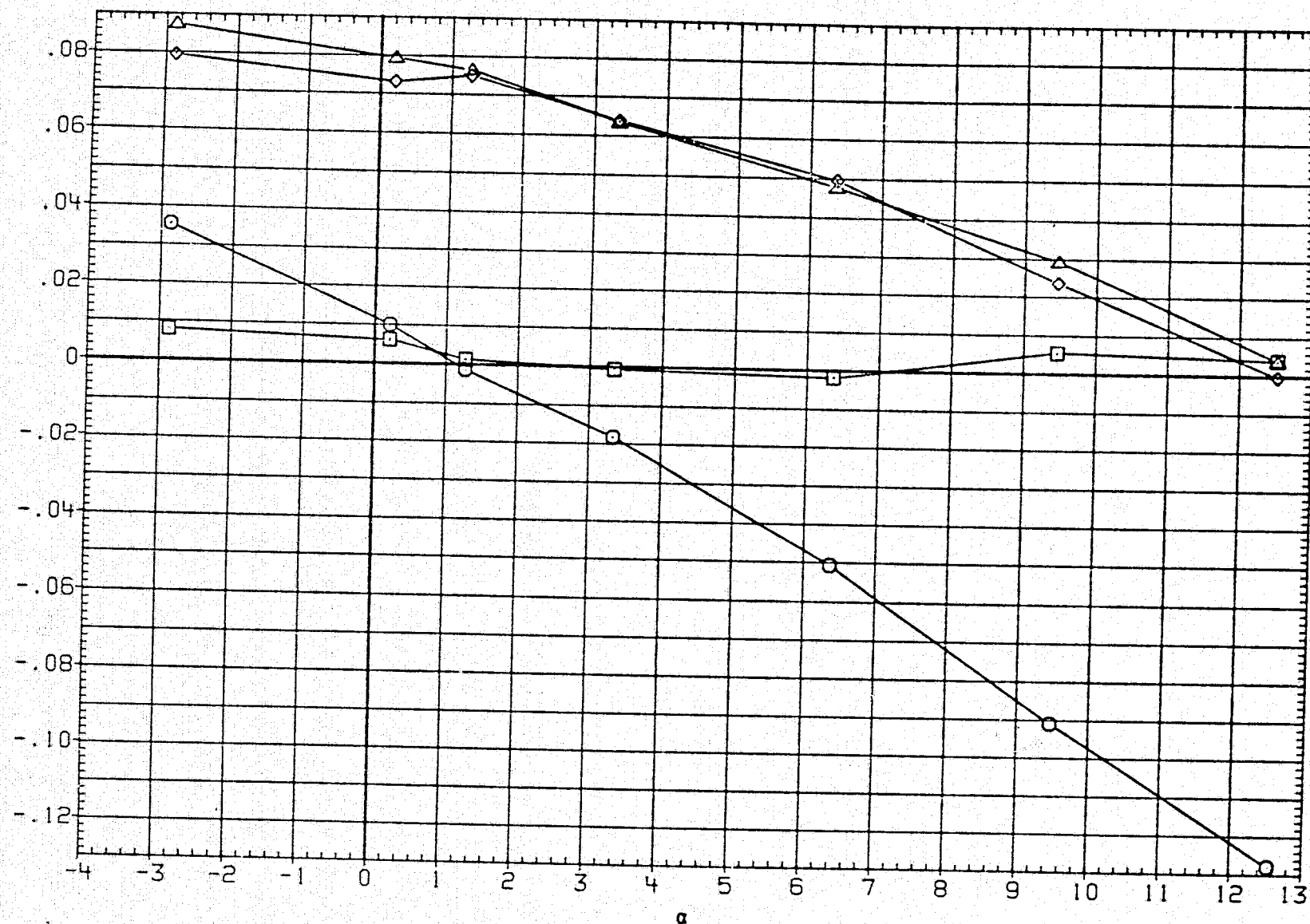


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ095) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.990 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 1.000 D4 1.000
△	CYMB	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

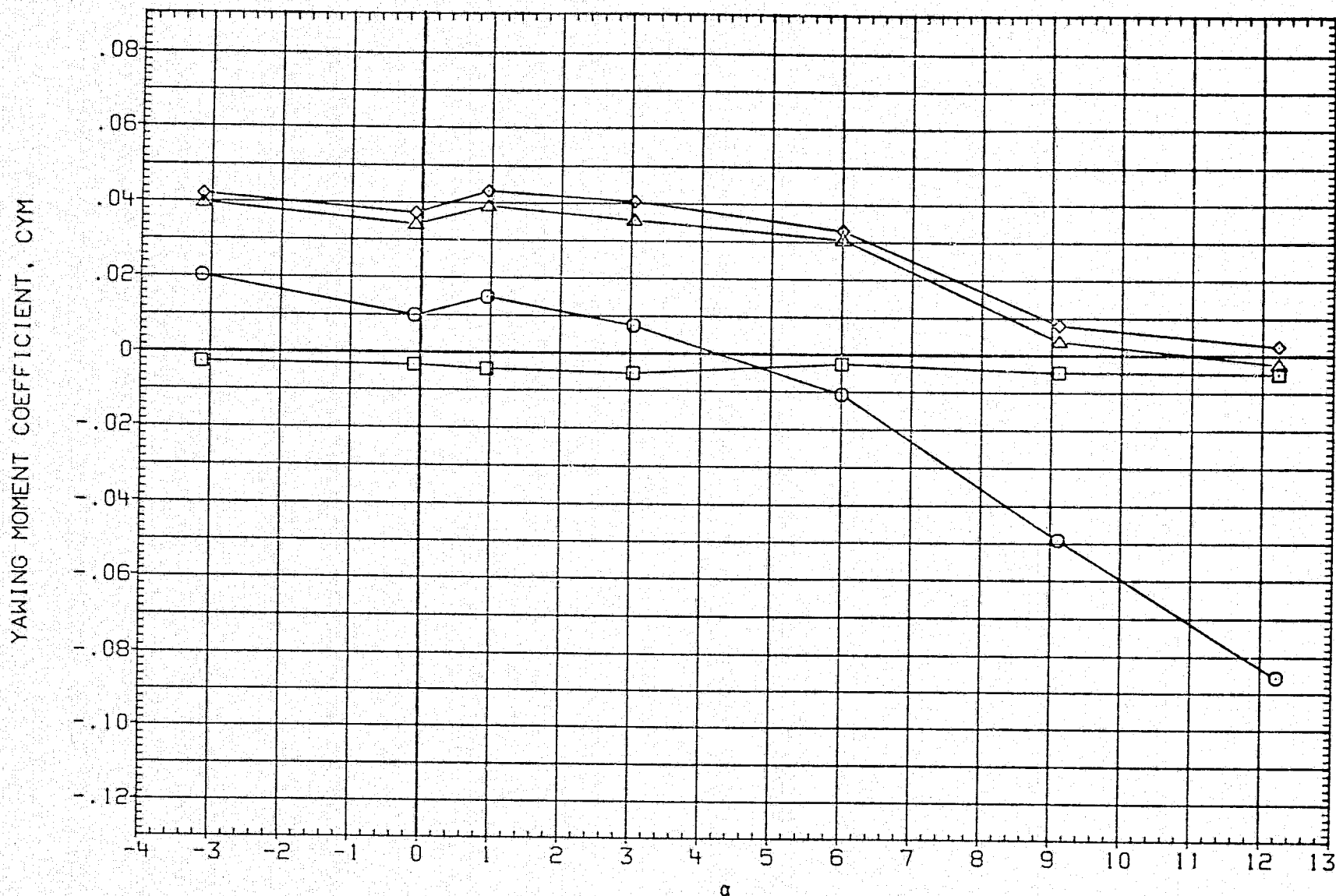


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ095) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.494 BETA .000
□	CRM	D1 .000 D3 .000
◇	CRM	D2 1.000 D4 1.000
△	CRM	D1-3 .000 D2-4 1.000
	PHI-C	.000 PHI-T .000

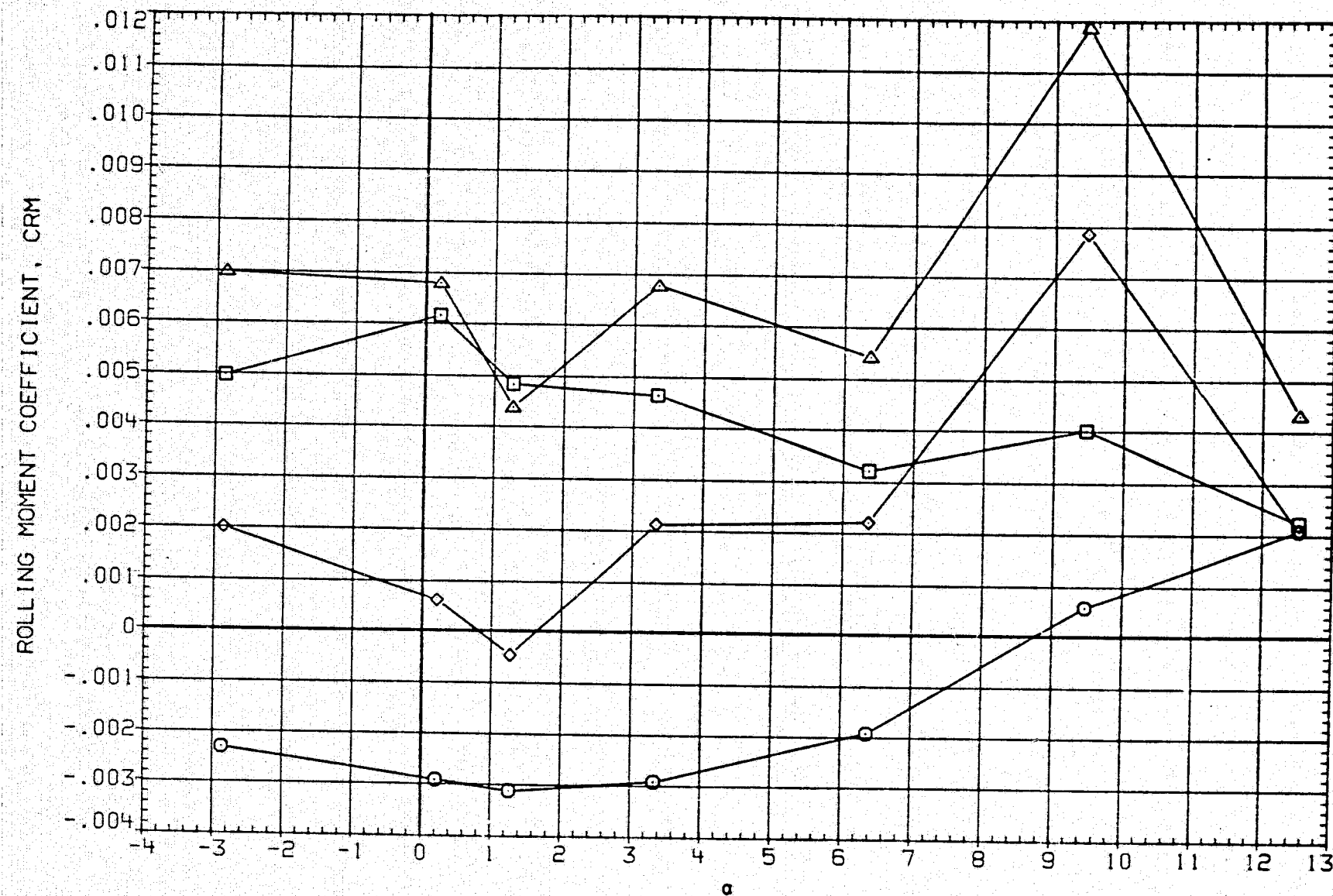


FIG. 8 BODY-CANARD-TAIL CHAR. MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ095) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.990 BETA .000
□	CRM	D1 .000 D3 .000
◇	CRM	D2 1.000 D4 1.000
△	CRM	D1-3 .000 D2-4 1.000
	PHI-C	.000 PHI-T .000

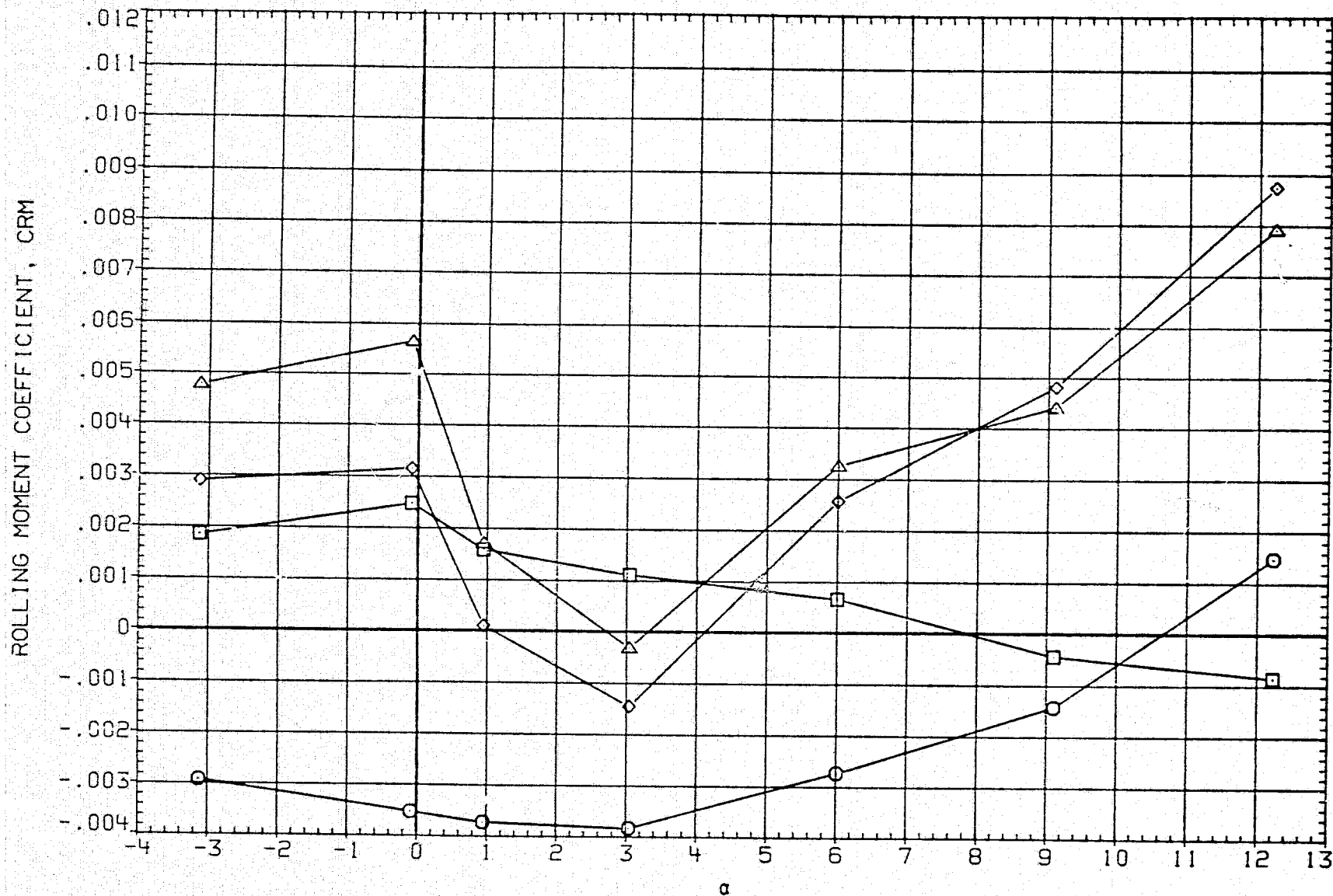


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ096) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.494 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 3.000 D4 3.000
△	CNB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

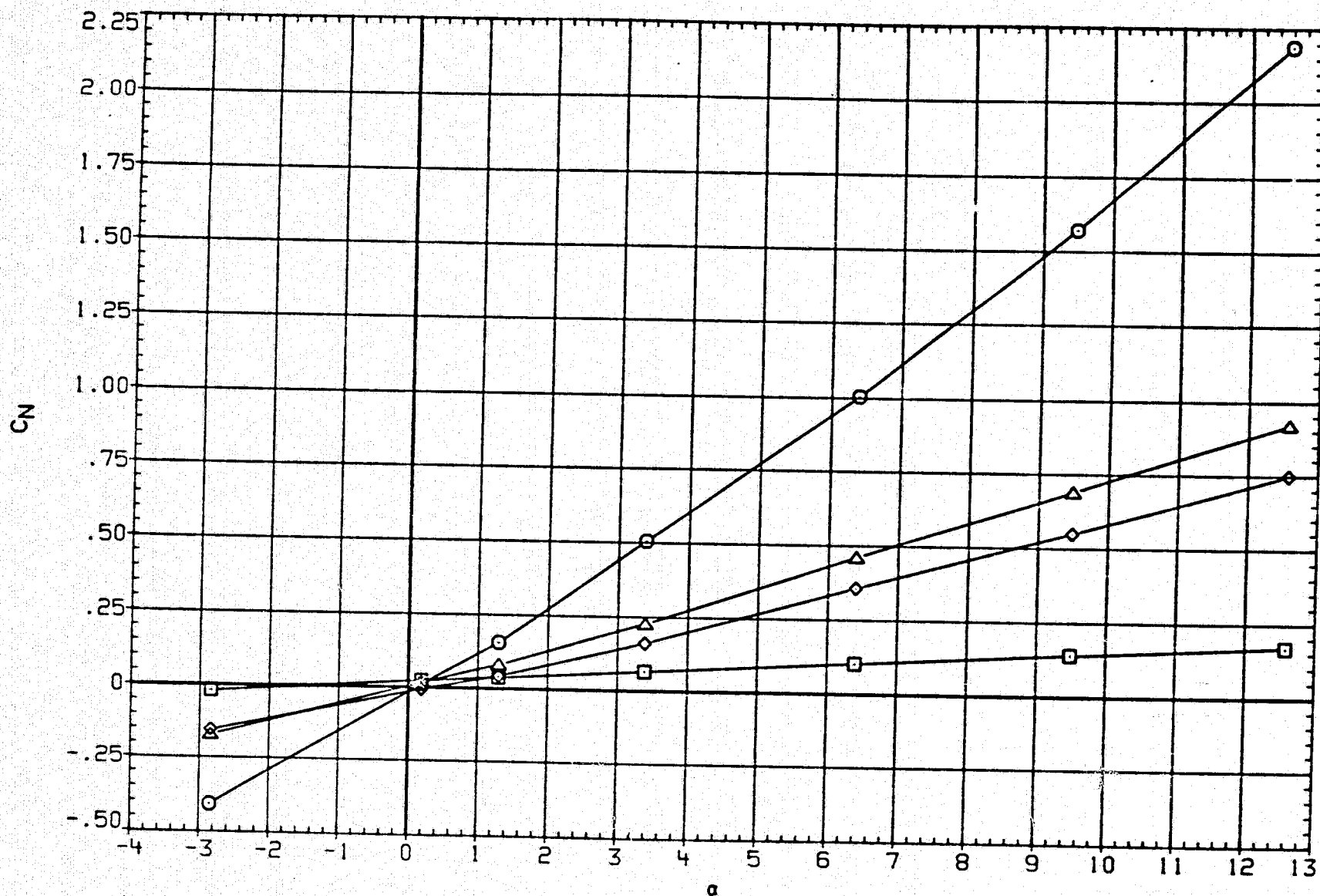


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ096) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.990 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 3.000 D4 3.000
△	CNB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

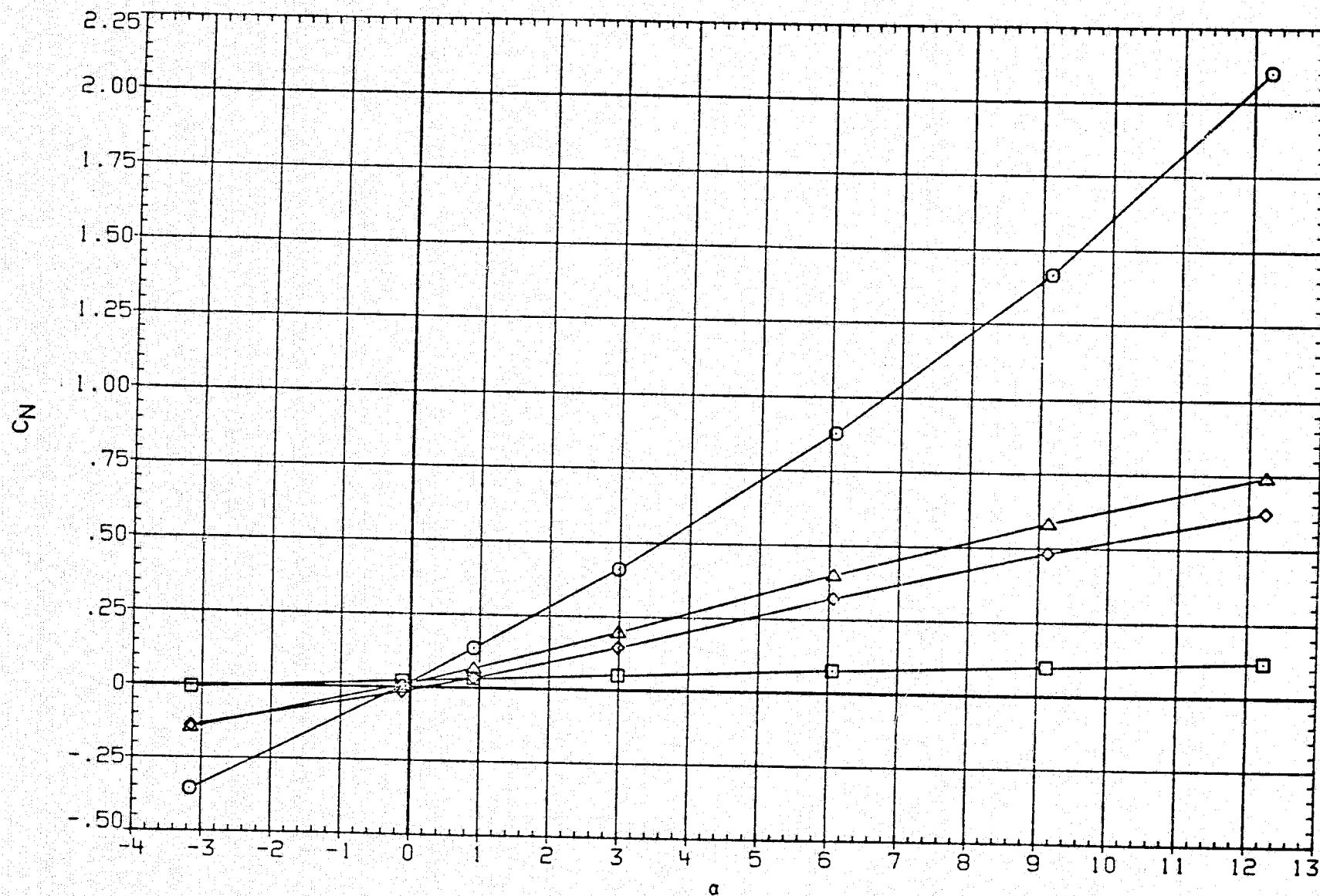


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ096) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.494 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 3.000 D4 3.000
△	CMB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

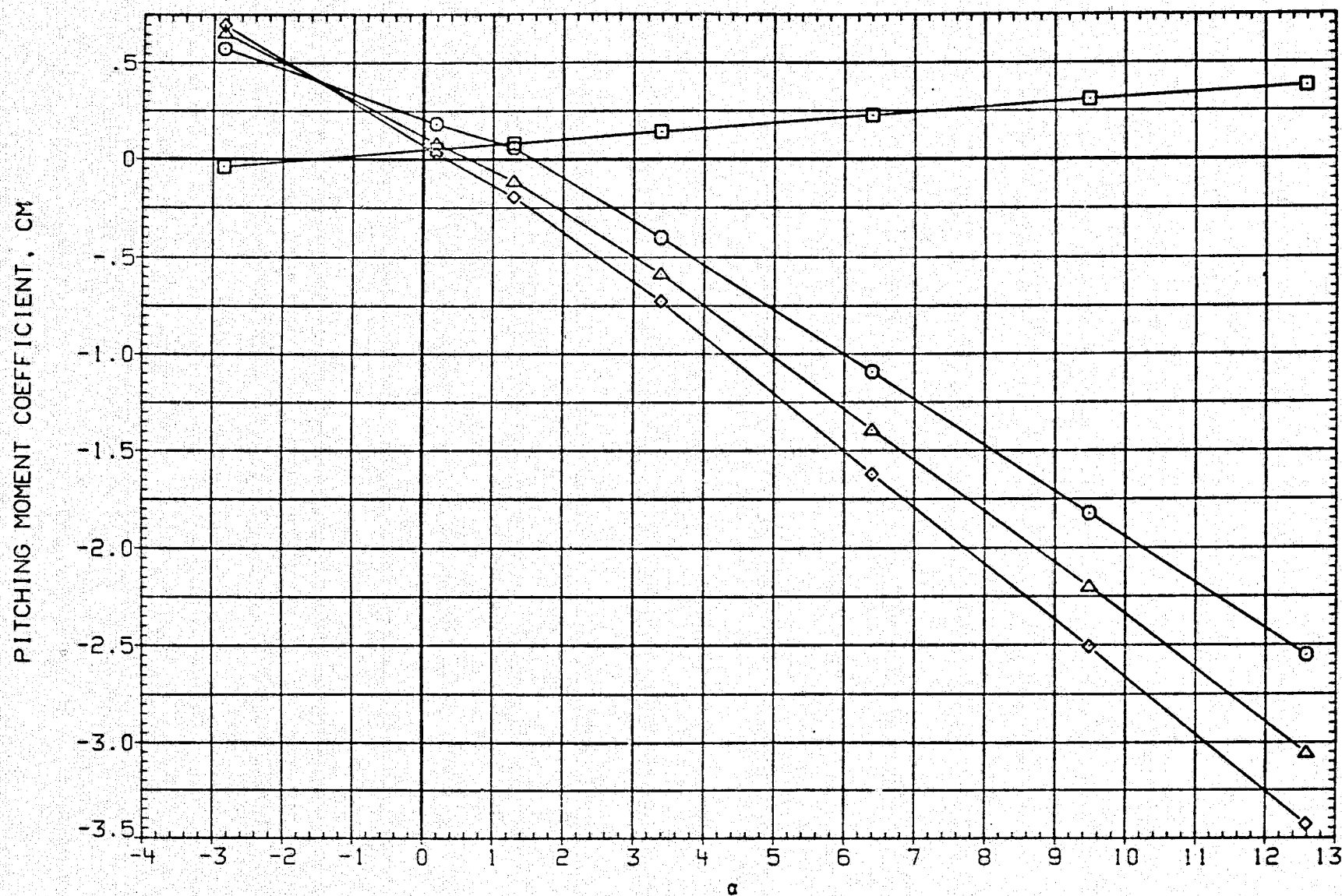


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ096) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CM	MACH	1.990	BETA	.000
□	CMC	D1	.000	D3	.000
◇	CMT	D2	3.000	C4	3.000
△	CMB	D1-3	.000	D2-4	3.000
		PHI-C	.000	PHI-T	.000

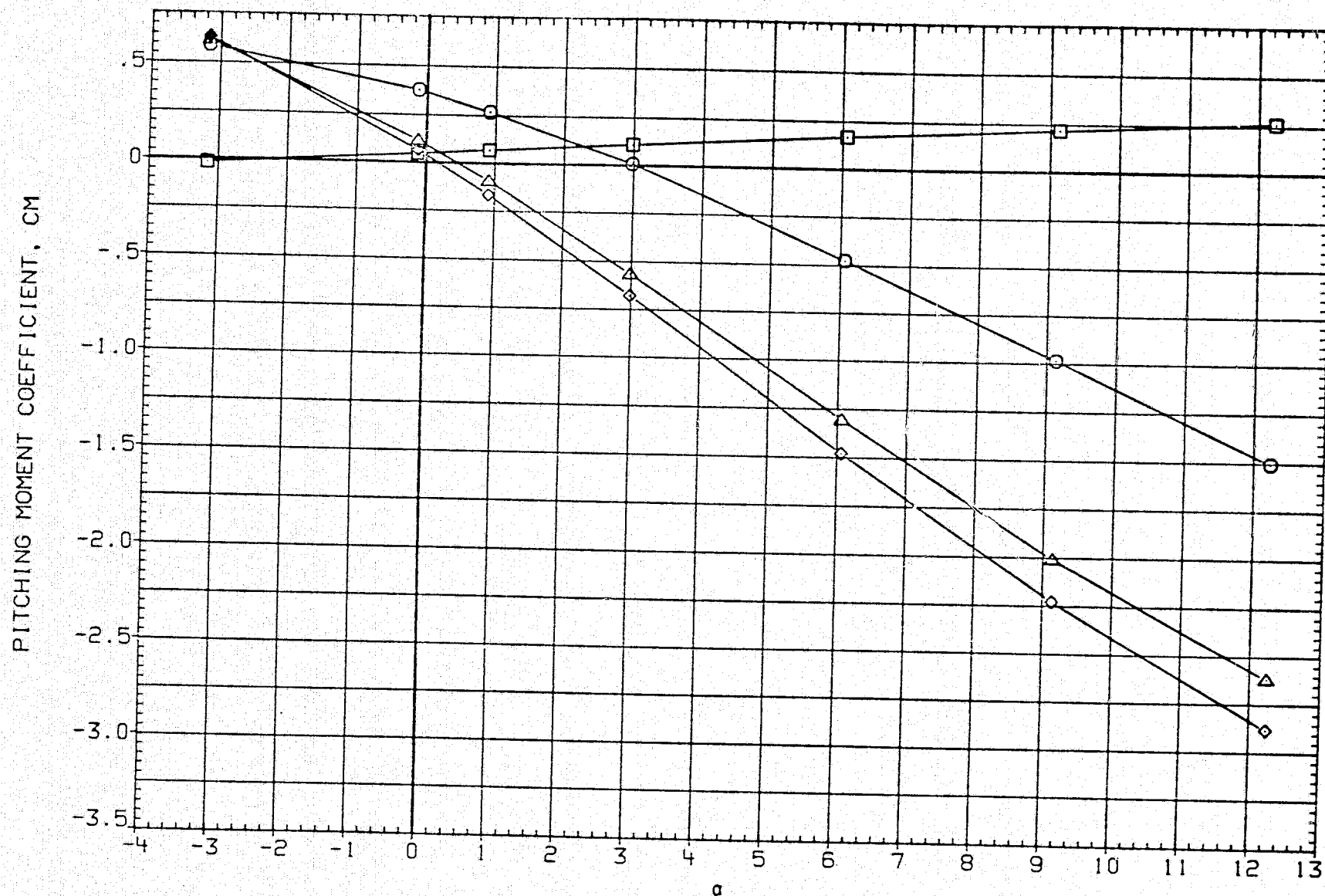


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ096) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.494	BETA	.000
		D1	.000	D3	.000
		D2	3.000	D4	3.000
		D1-3	.000	D2-4	3.000
		PHI-C	.000	PHI-T	.000

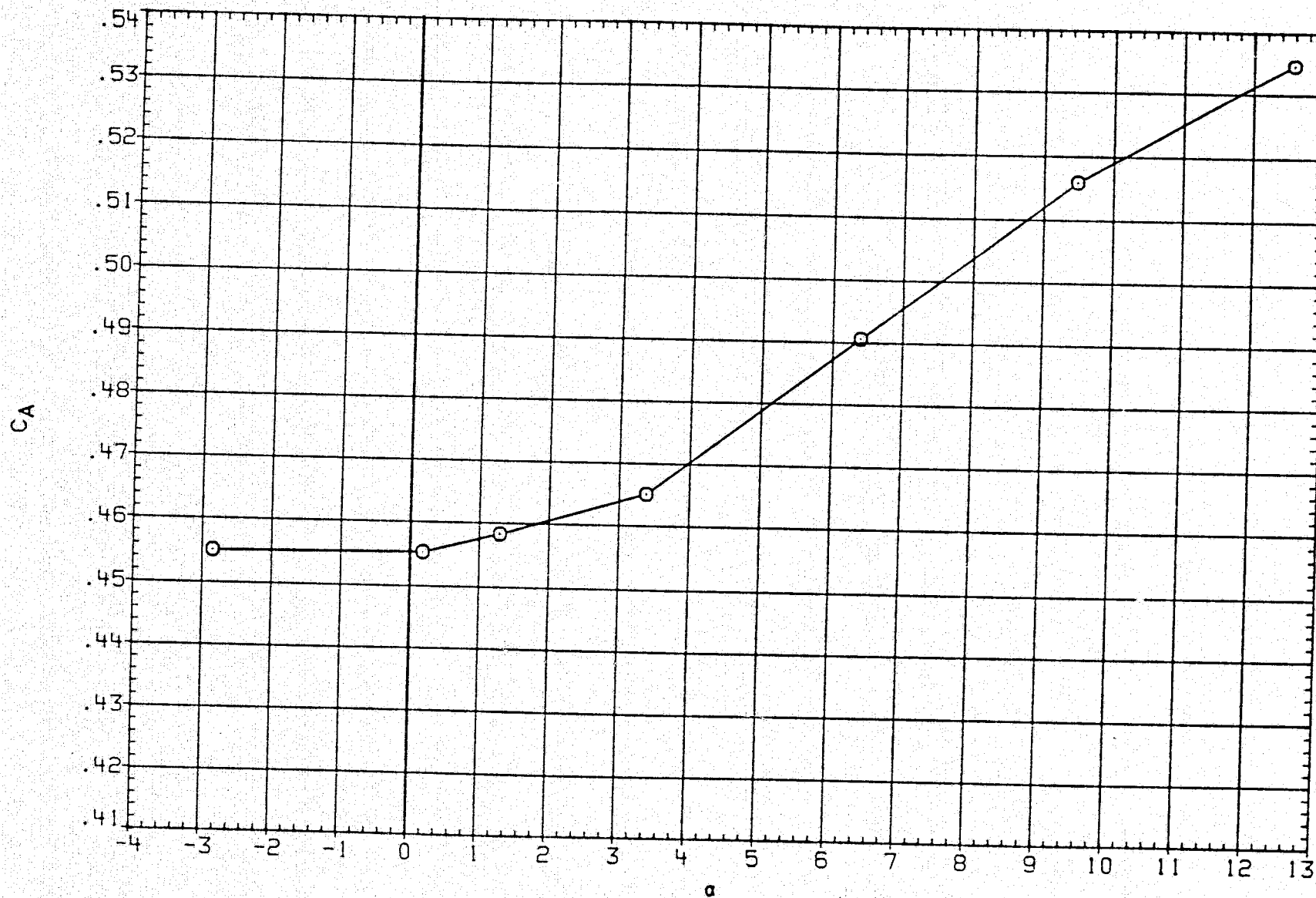


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ096) CONFIGURATION 7 (BN2CIT1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.990	BETA	.000
		D1	.000	D3	.000
		D2	3.000	D4	3.000
		D1-3	.000	D2-4	3.000
		PHI-C	.000	PHI-T	.000

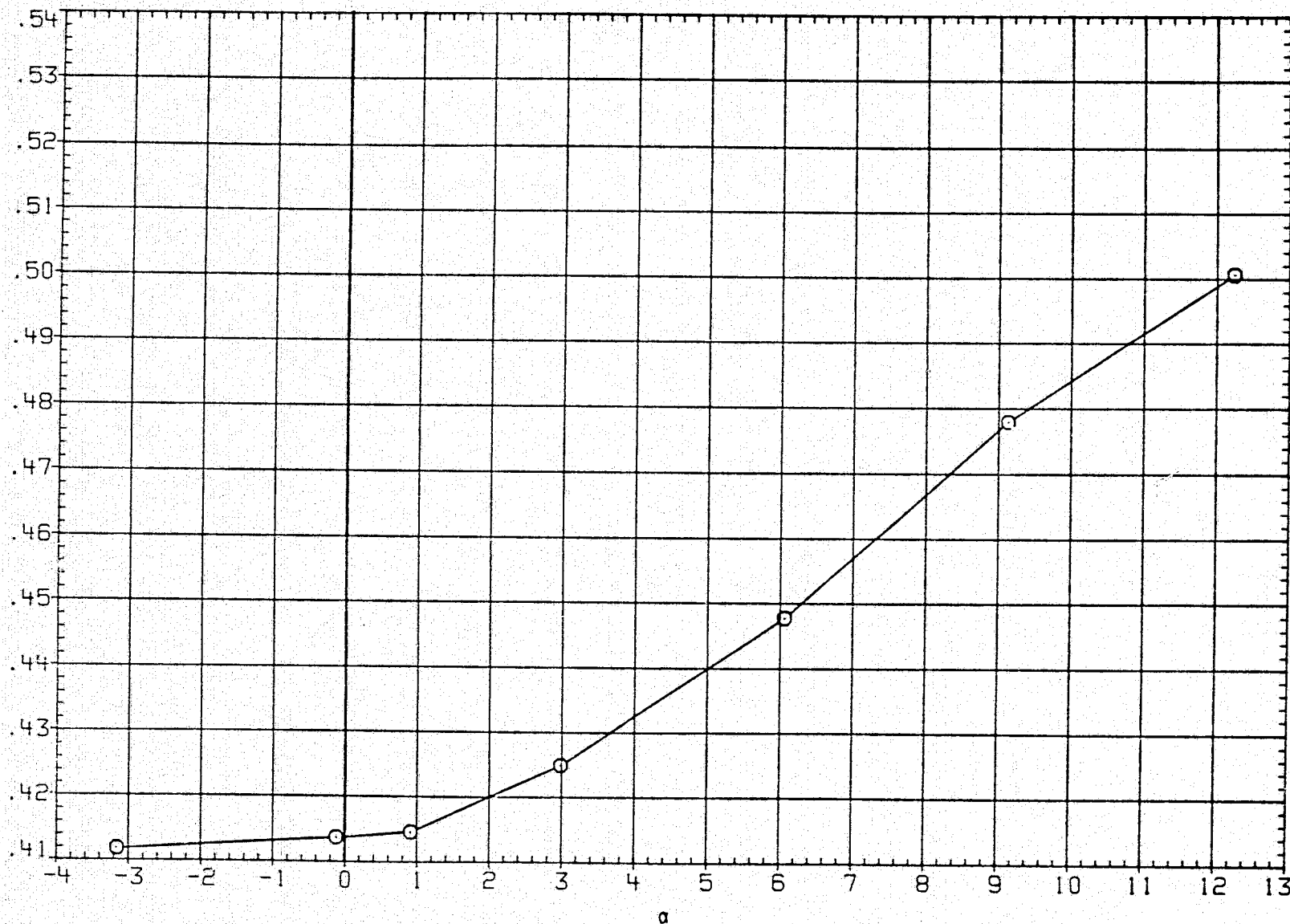


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ096) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.494 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 3.000 D4 3.000
△	CYB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

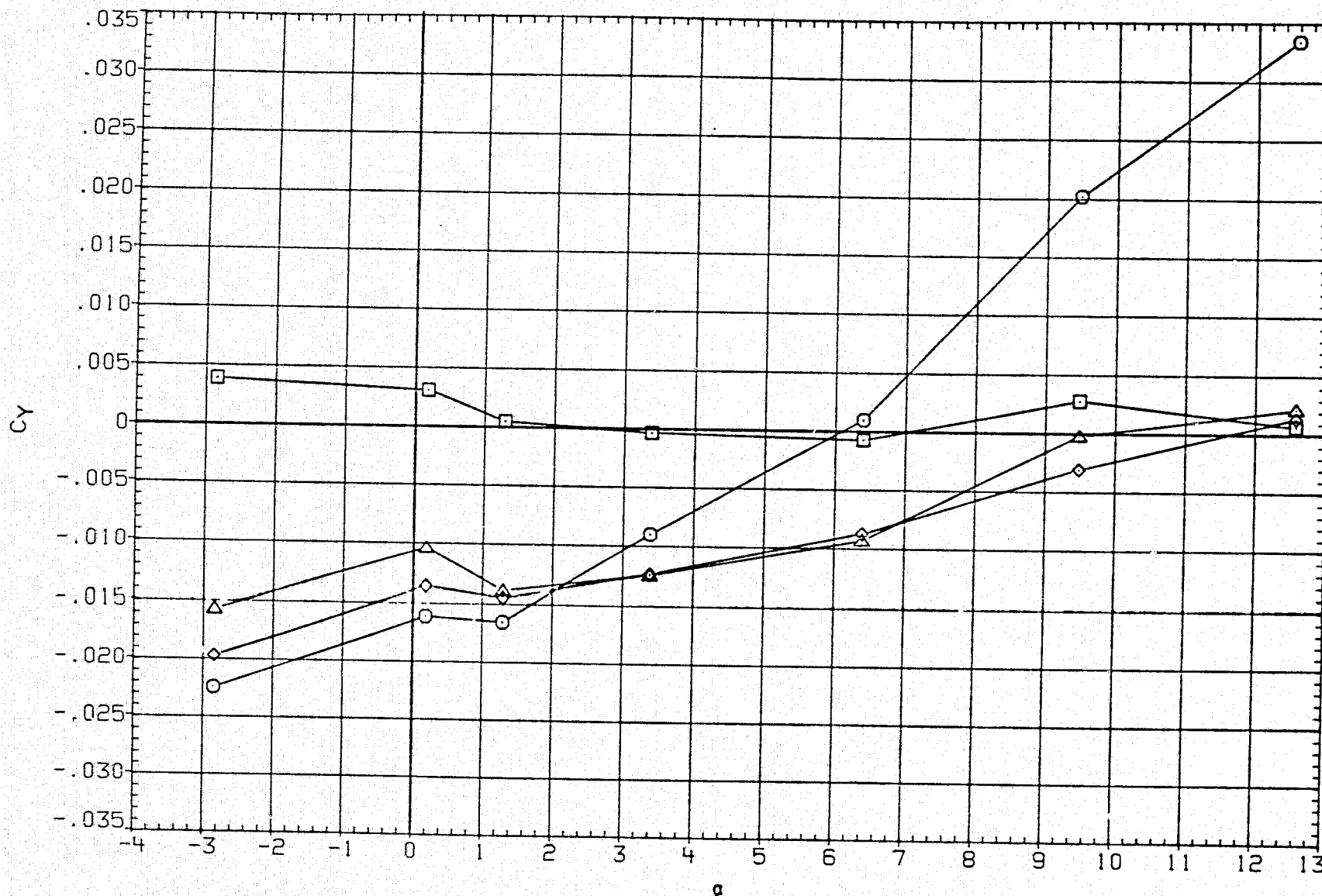


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ096) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.990 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 3.000 D4 3.000
△	CYB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

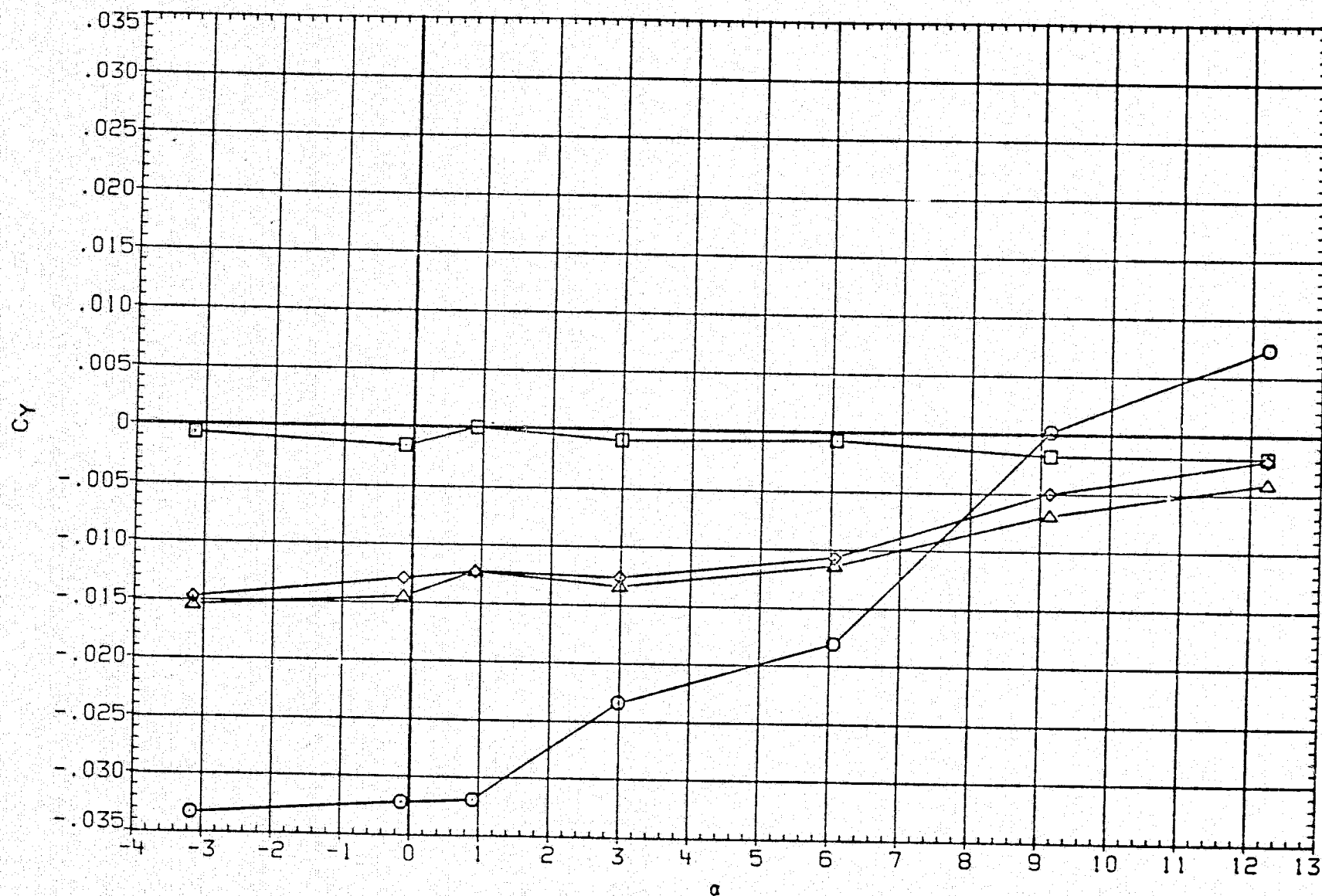


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ096) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	MACH	1.494	BETA	.000
○	CYM	D1	.000	D3	.000
◇	CYMC	D2	3.000	D4	3.000
△	CYMT	D1-3	.000	D2-4	3.000
□	CYMB	PHI-C	.000	PHI-T	.000

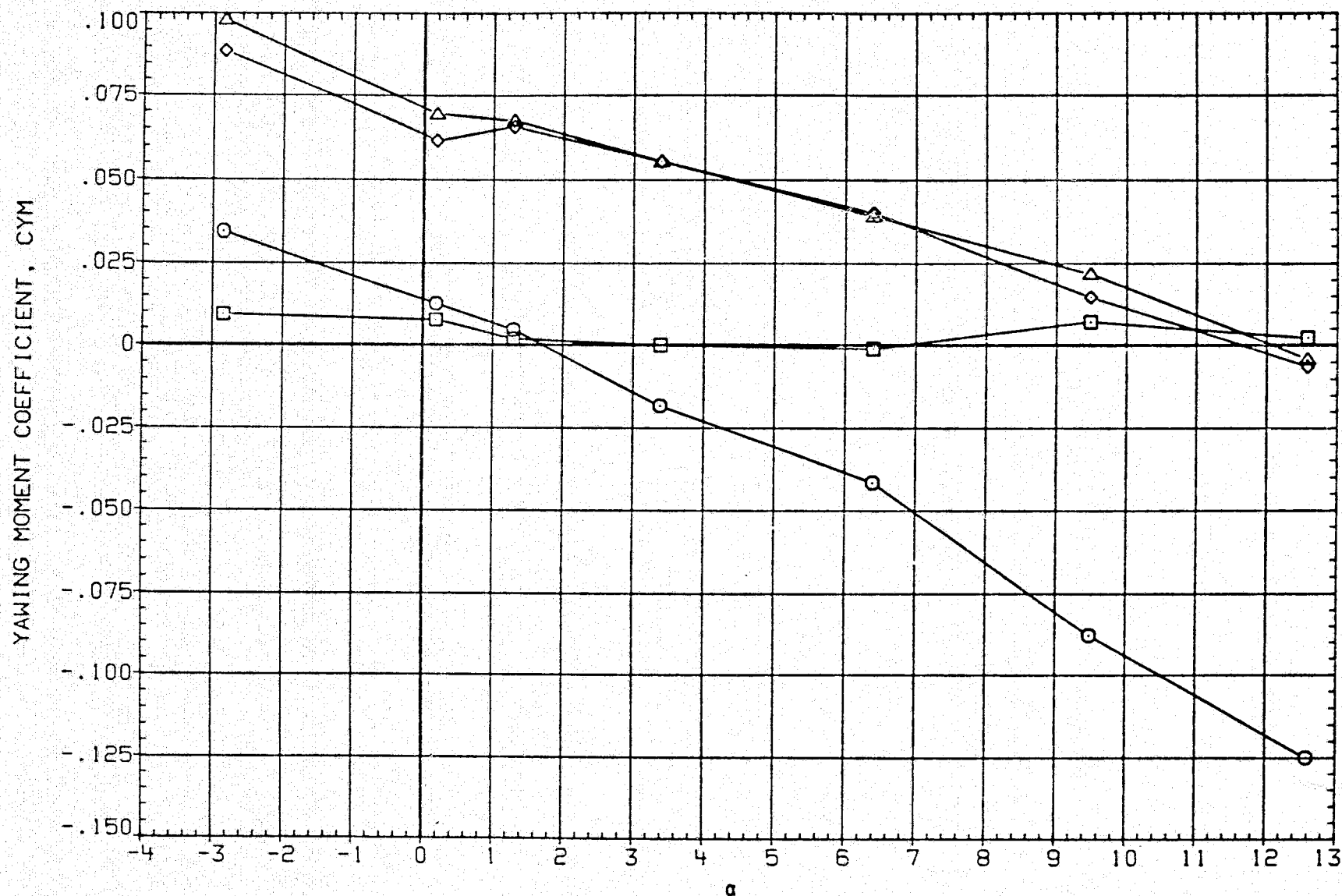


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ096) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CYM	MACH	1.990	BETA	.000
□	CYMC	D1	.000	D3	.000
△	CYMT	D2	3.000	D4	3.000
	CYMB	D1-3	.000	D2-4	3.000
		PHI-C	.000	PHI-T	.000

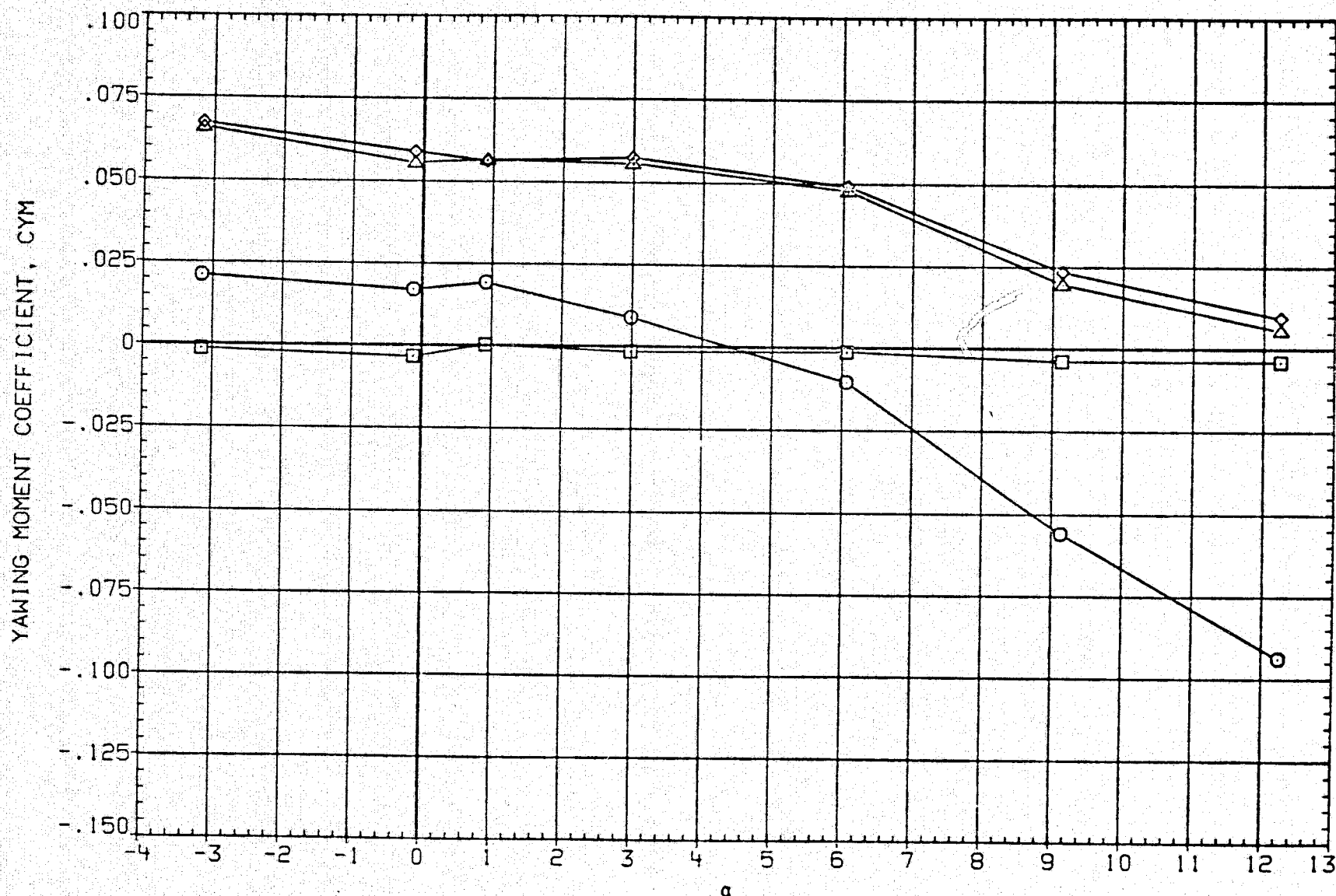


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ096) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.494 BETA .000
◇	CRMC	D1 .000 D3 .000
□	CRMT	D2 3.000 D4 3.000
△	CRMB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

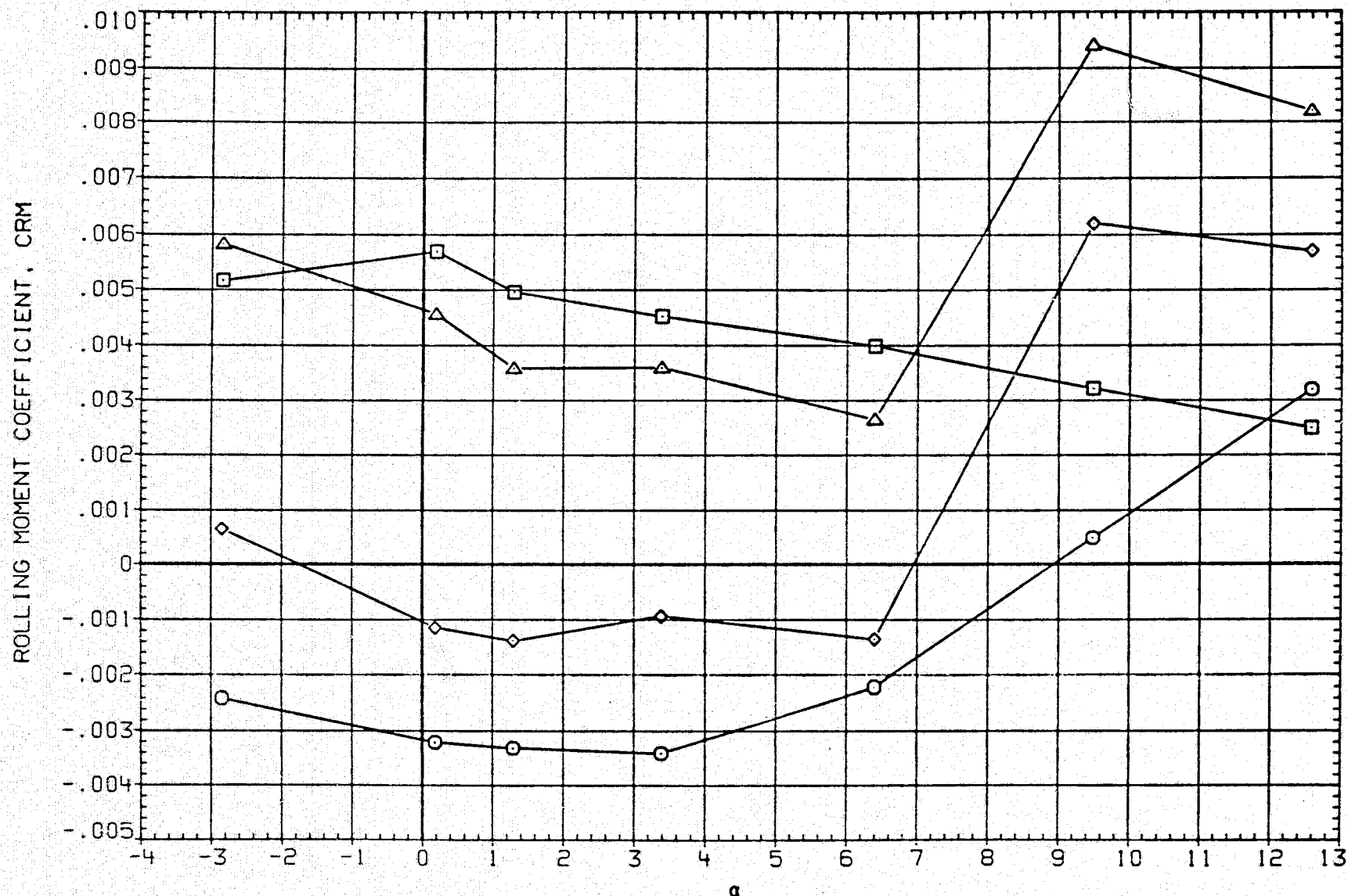


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ096) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.990
□	CRM	D1 .000
◇	CRM	D2 3.000
△	CRM	D1-3 .000
		PHI-C .000
		BETA .000
		D3 .000
		D4 3.000
		D2-4 3.000
		PHI-T .000

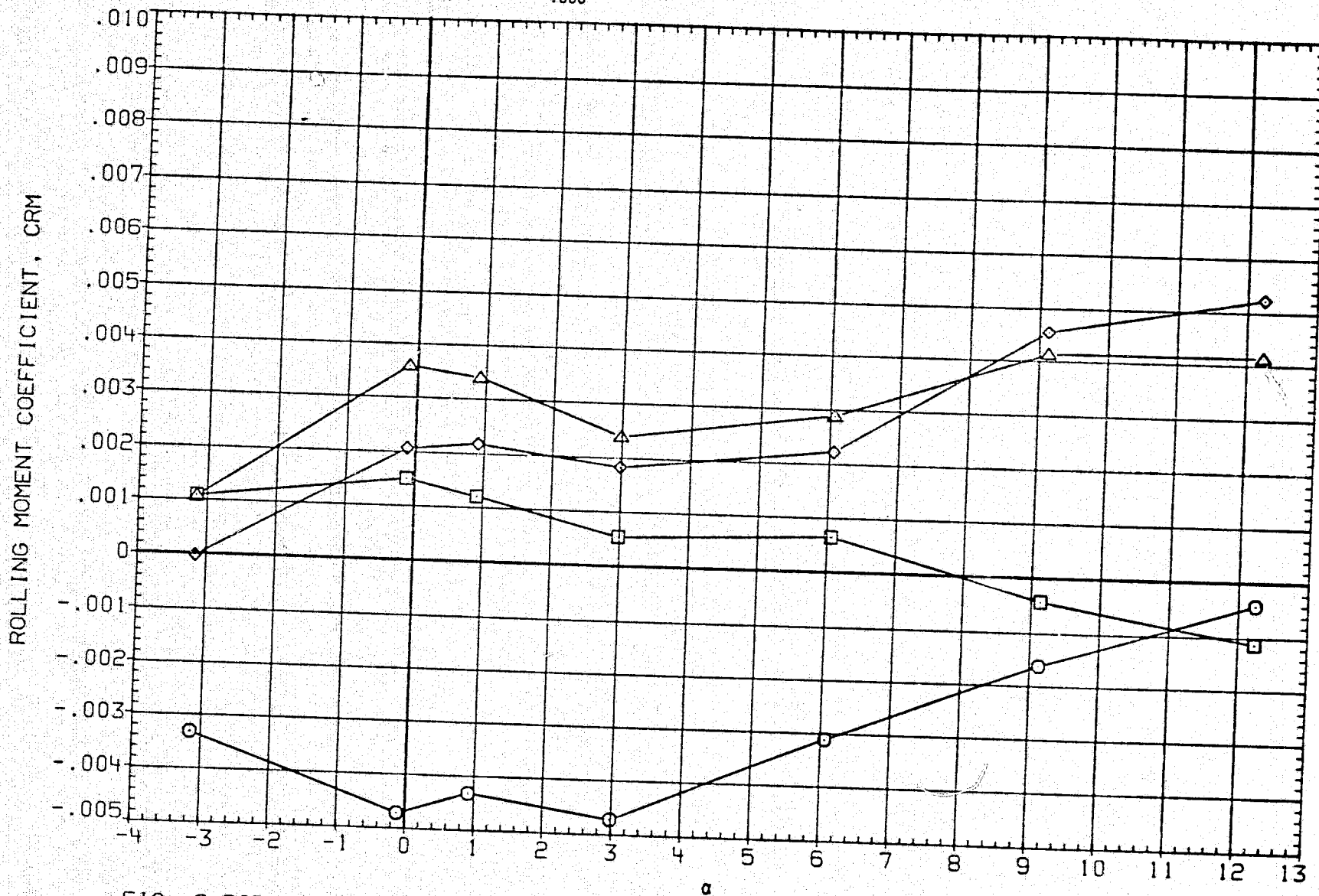


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ097)

CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.494
□	CNC	D1 .000
◇	CNT	D2 6.000
△	CNB	D1-3 .000
		PHI-C .000
		BETA .000
		D3 .000
		D4 6.000
		D2-4 6.000
		PHI-T .000

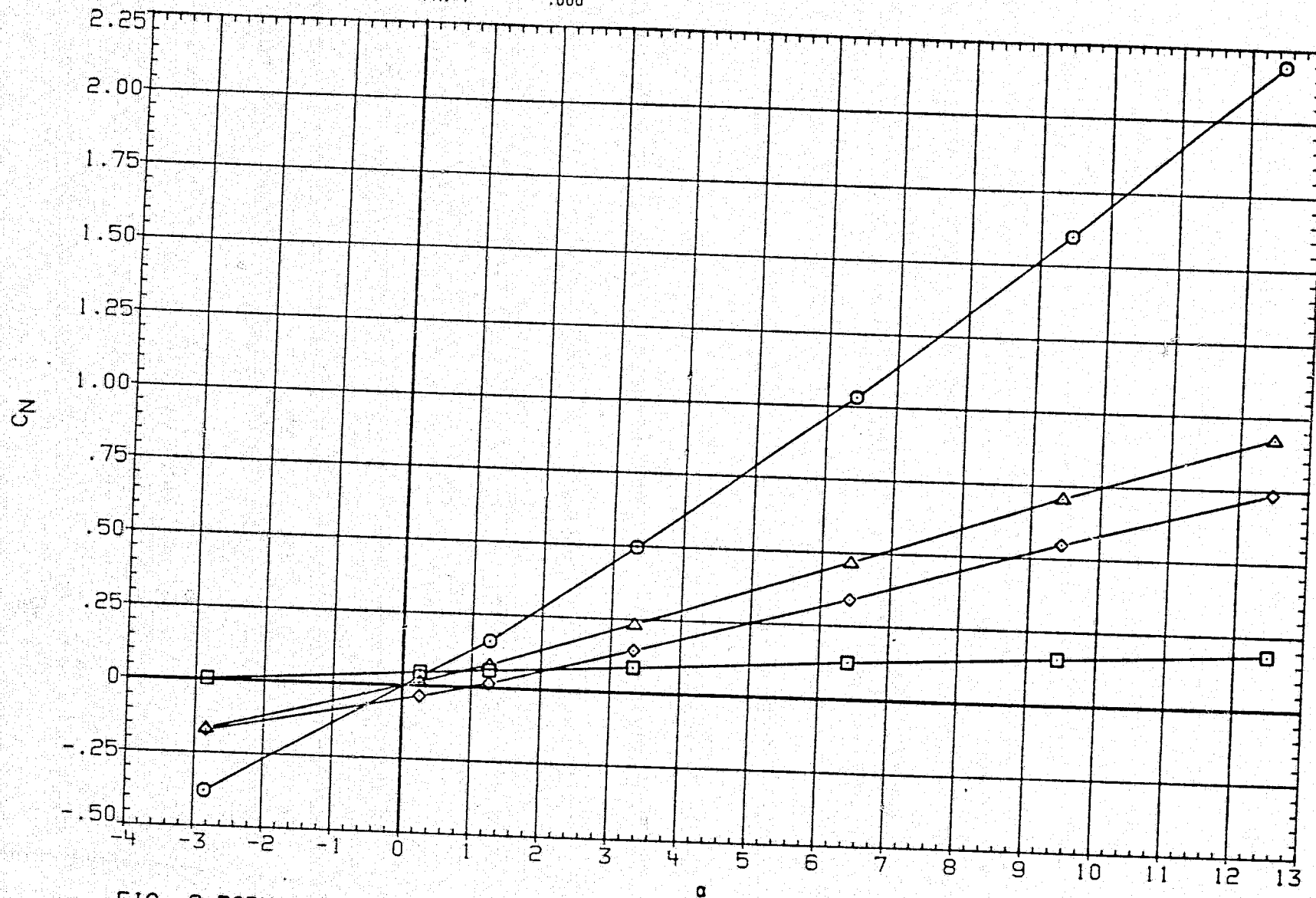


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ097) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.990 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 6.000 D4 6.000
△	CNB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

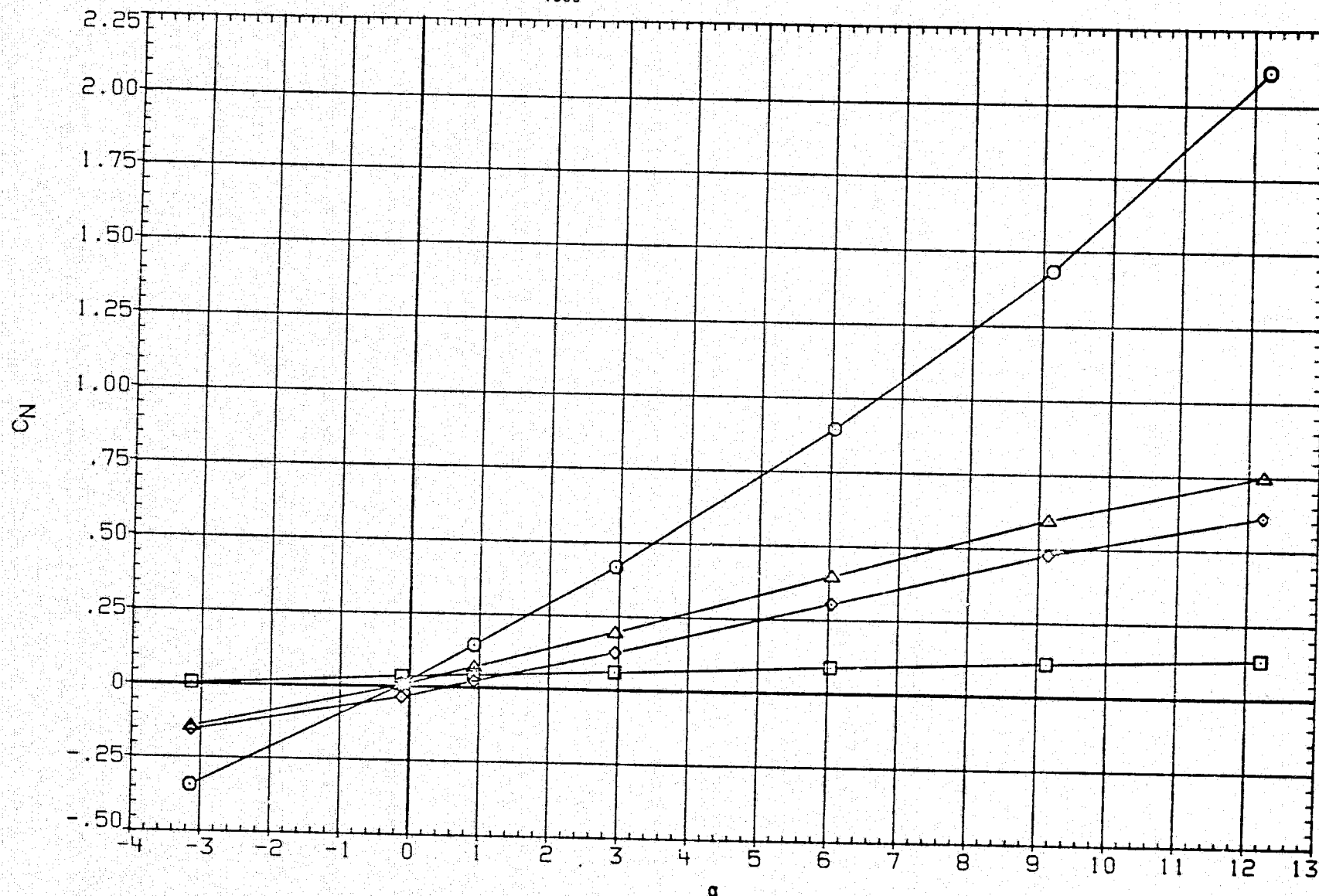


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ097) CONFIGURATION 7 (BN2C171)

SYMBOL	DATA	PARAMETRIC VALUES
□	CM	MACH 1.494 BETA .000
◇	CMC	D1 .000 D3 .000
△	CMT	D2 6.000 D4 6.000
△	CMB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

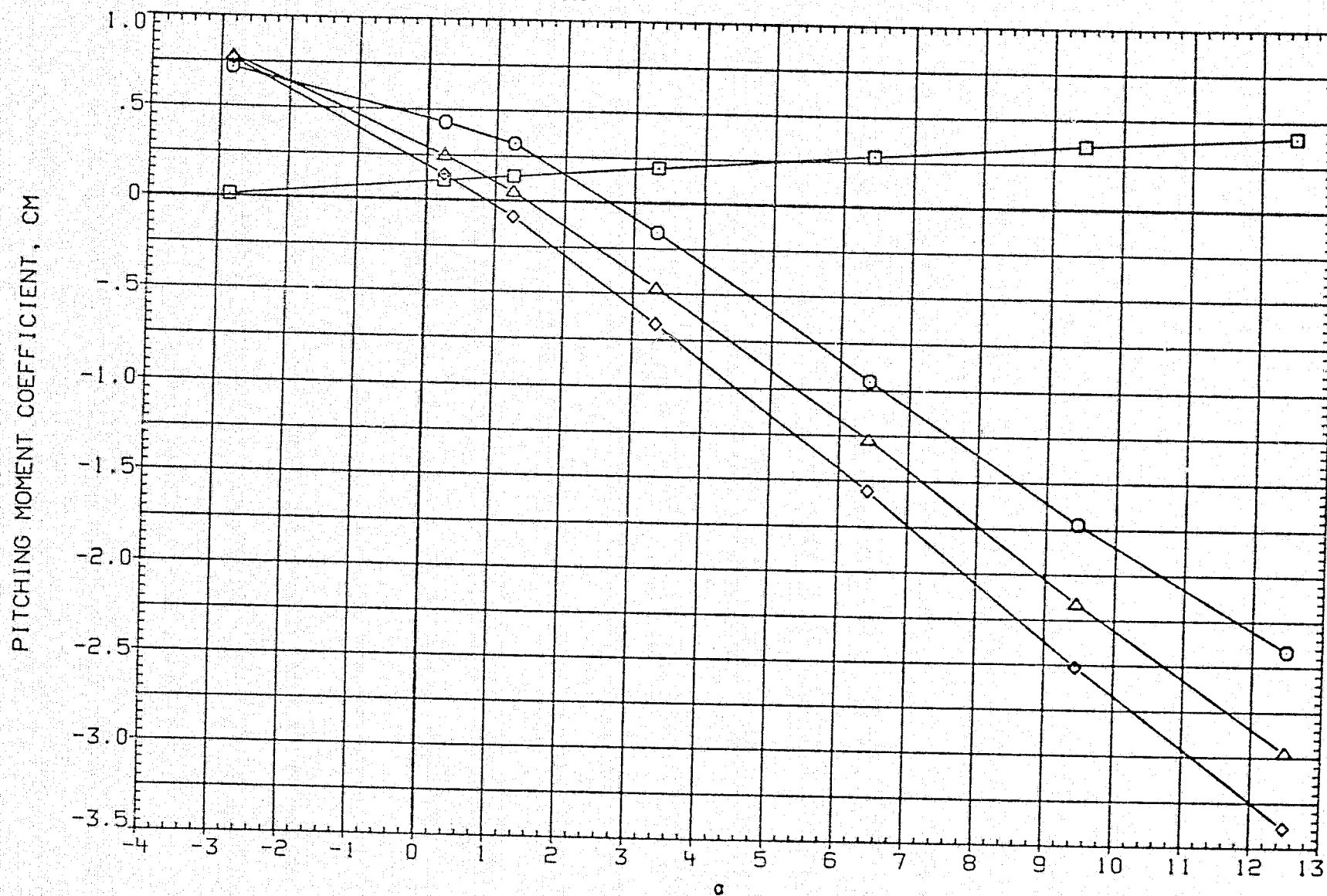


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ097) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.990 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 6.000 D4 6.000
△	CMB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

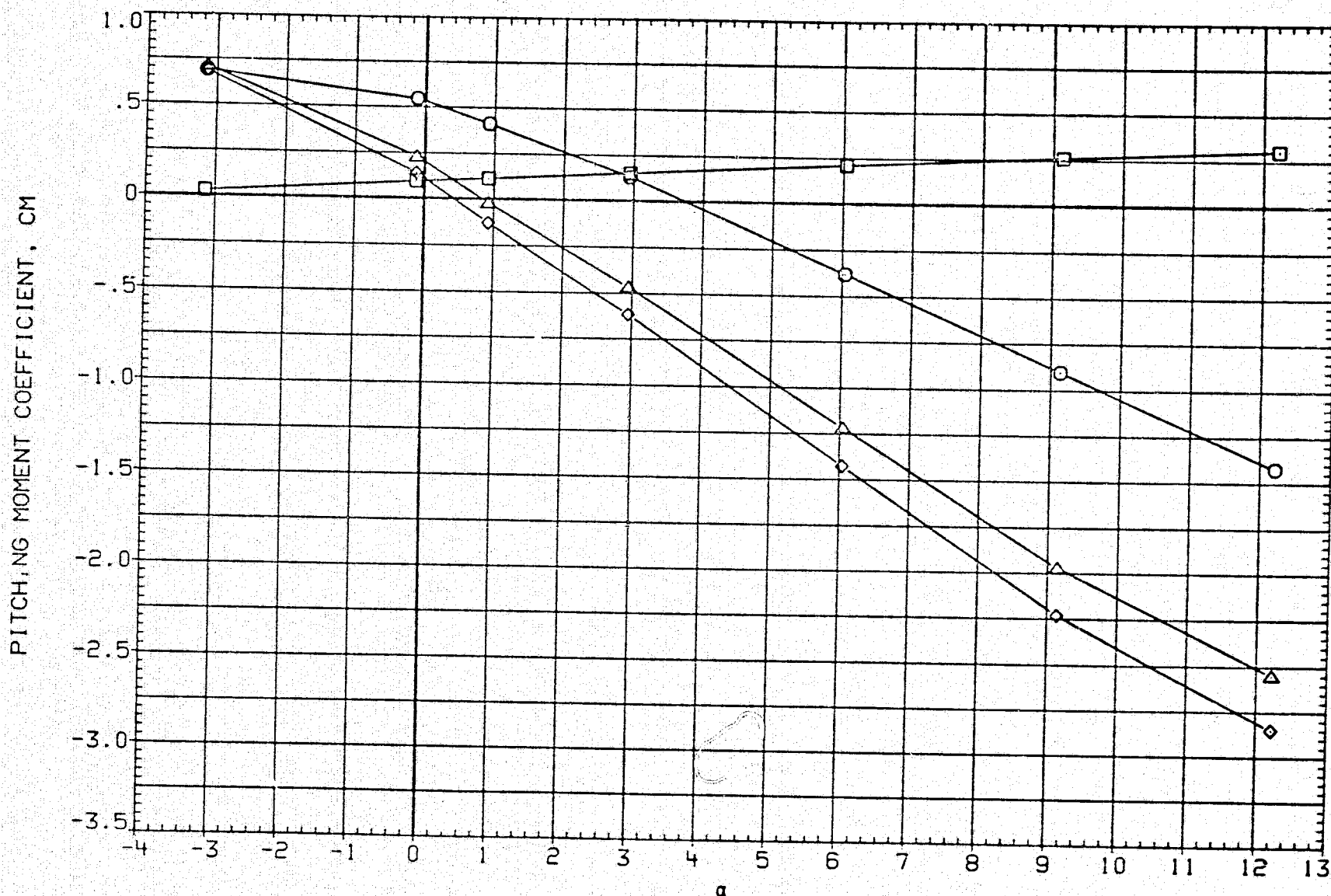


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ097)

CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.494	BETA	.000
		D1	.000	D3	.000
		D2	6.000	D4	6.000
		D1-3	.000	D2-4	6.000
		PHI-C	.000	PHI-T	.000

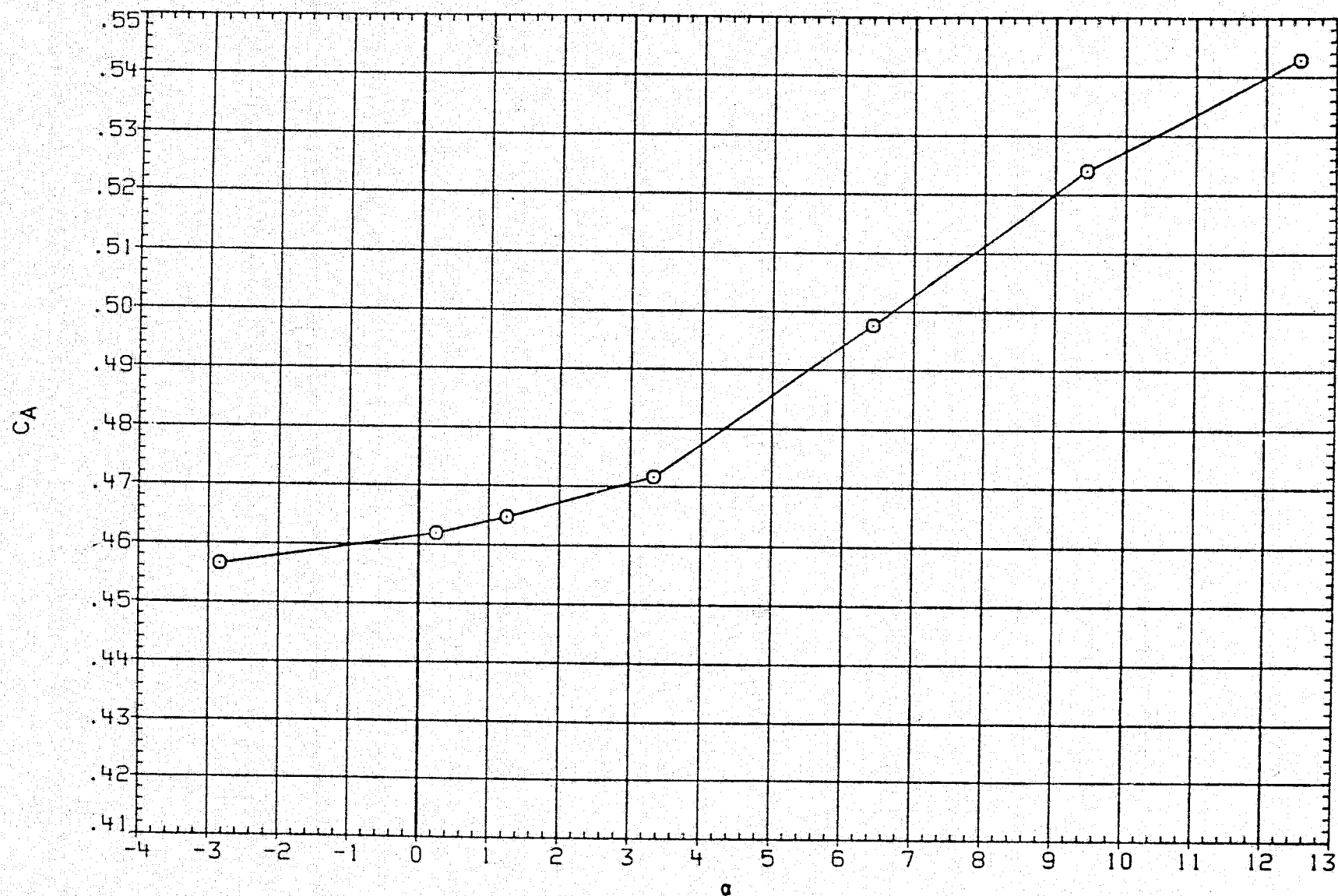


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ097) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.990	BETA	.000
		D1	.000	D3	.000
		D2	6.000	D4	6.000
		D1-3	.000	D2-4	6.000
		PHI-C	.000	PHI-T	.000

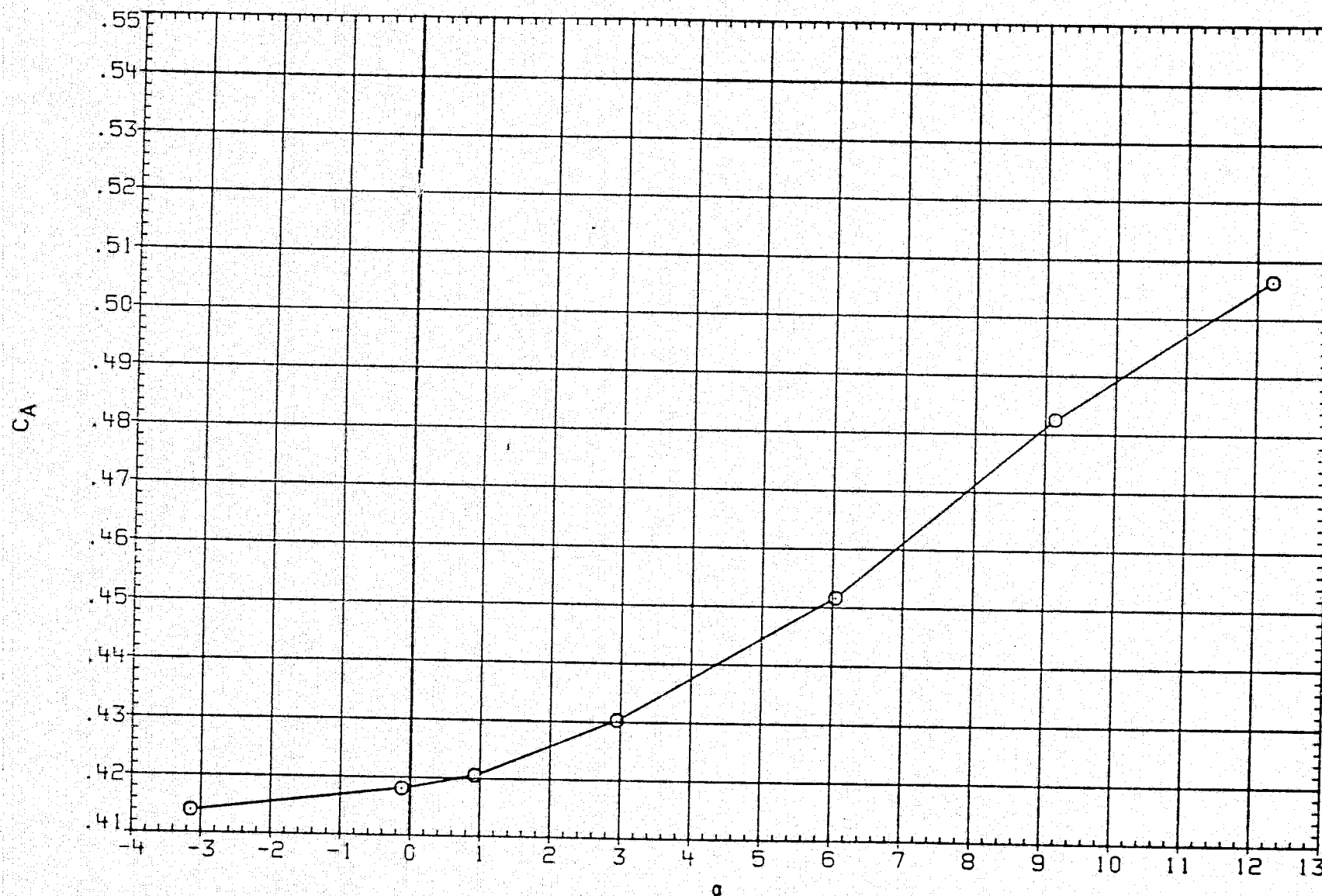


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ097) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.494 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 6.000 D4 6.000
△	CYB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

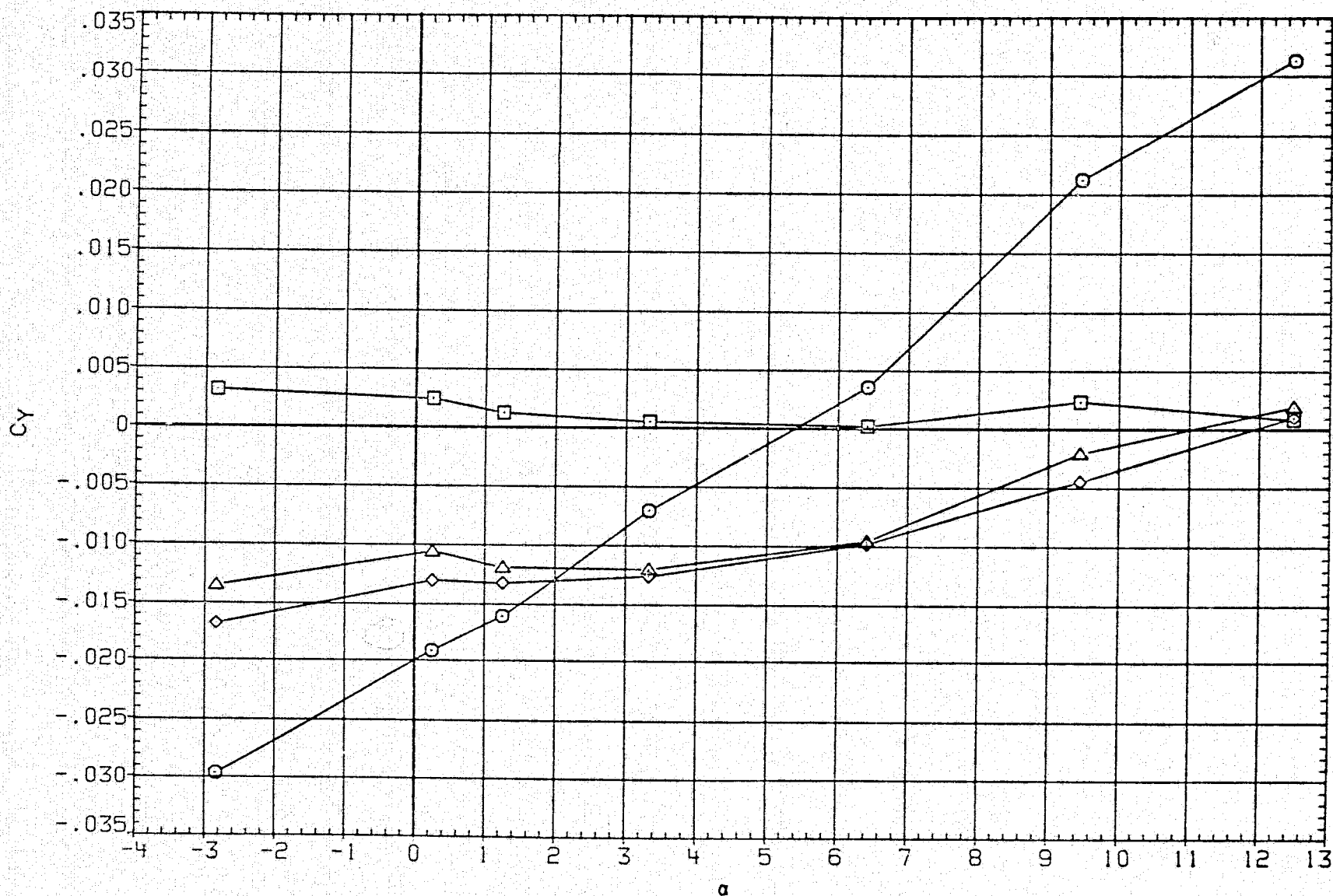


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ097) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.990 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 6.000 D4 6.000
△	CYB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

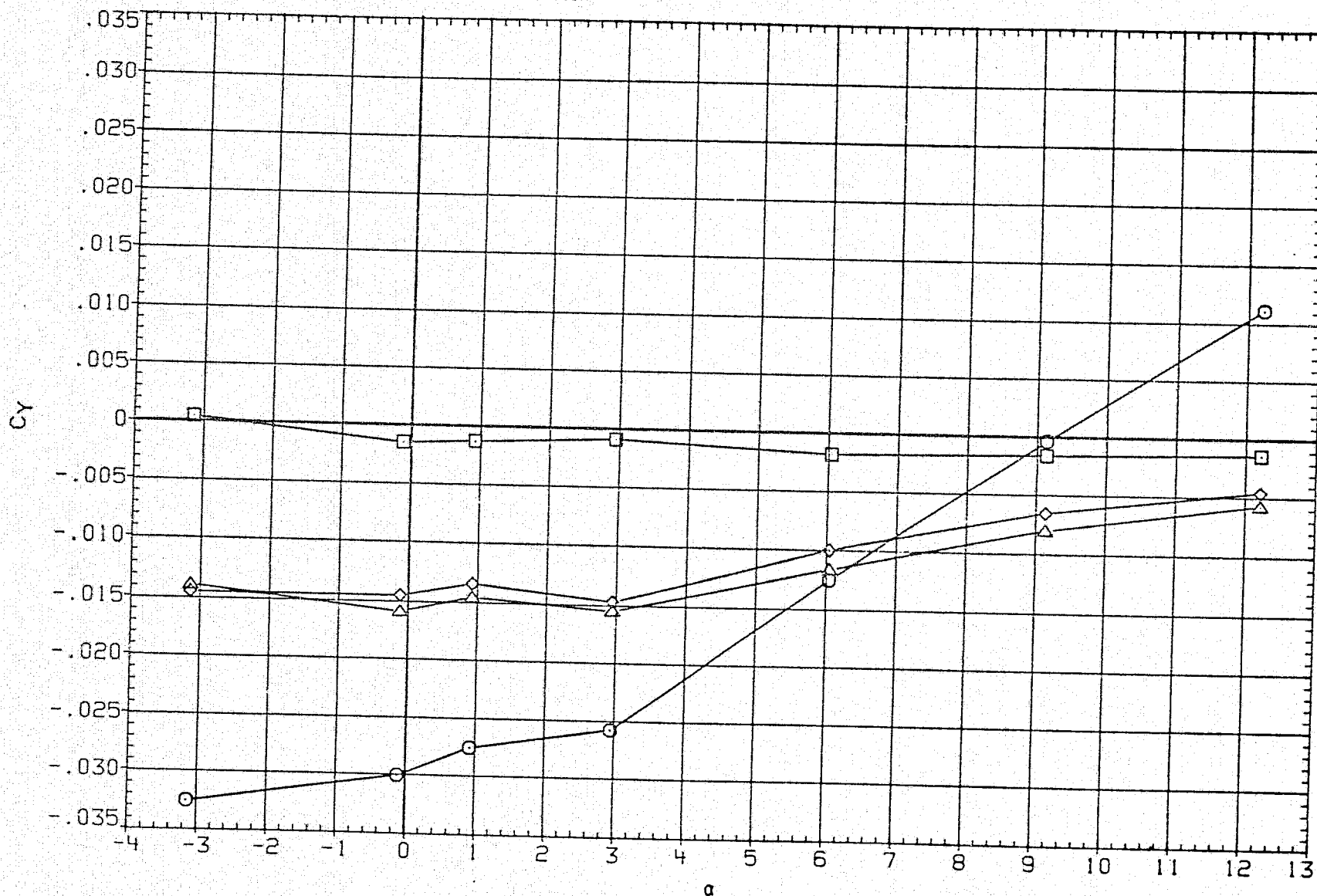


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ097) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.494 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 6.000 D4 6.000
△	CYMB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

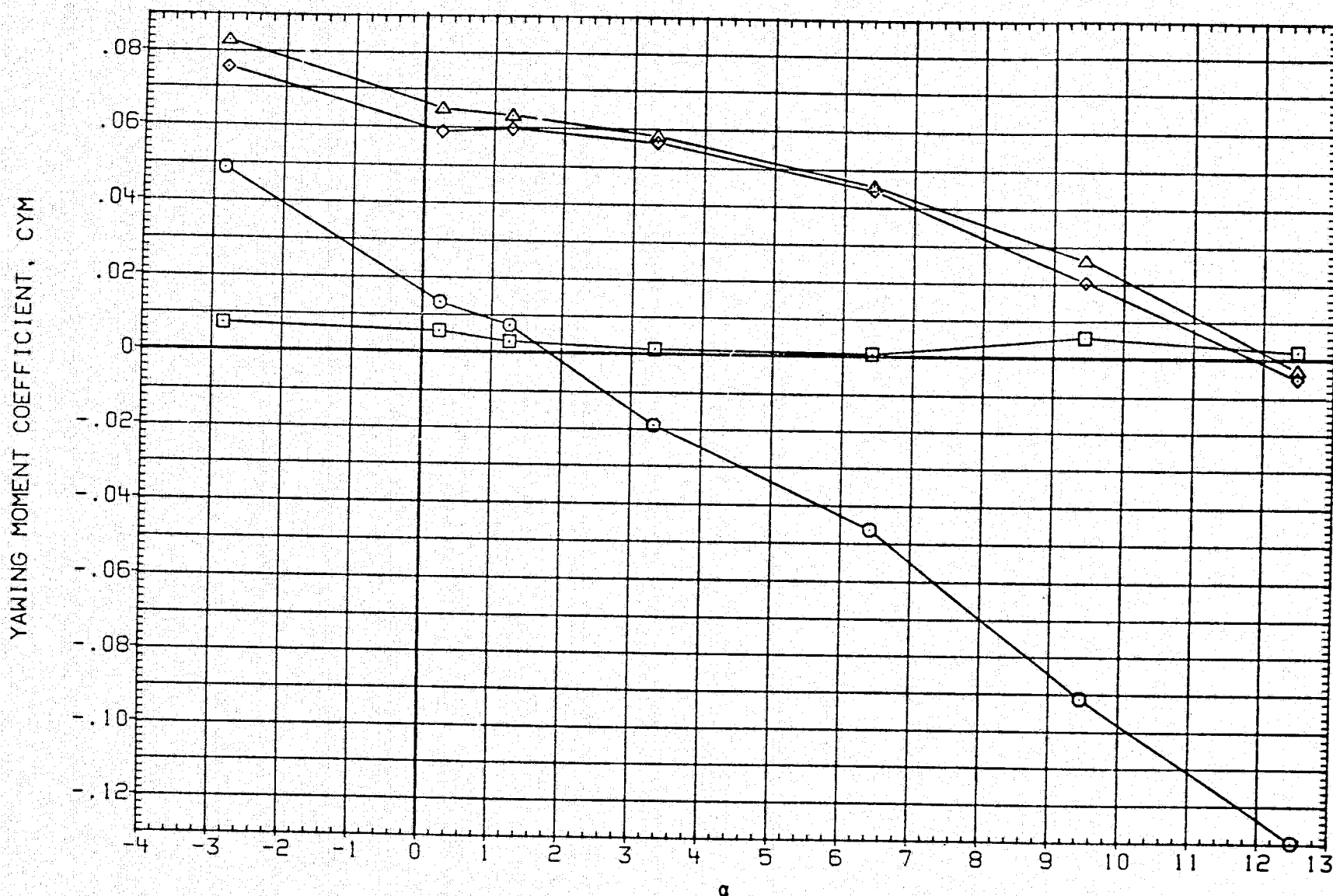


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

11E2097)

CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.990 BETA .000
◇	CYMC	D1 .000 D3 .000
◇	CYMT	D2 6.000 D4 .000
△	CYMB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

YAWING MOMENT COEFFICIENT, CYM

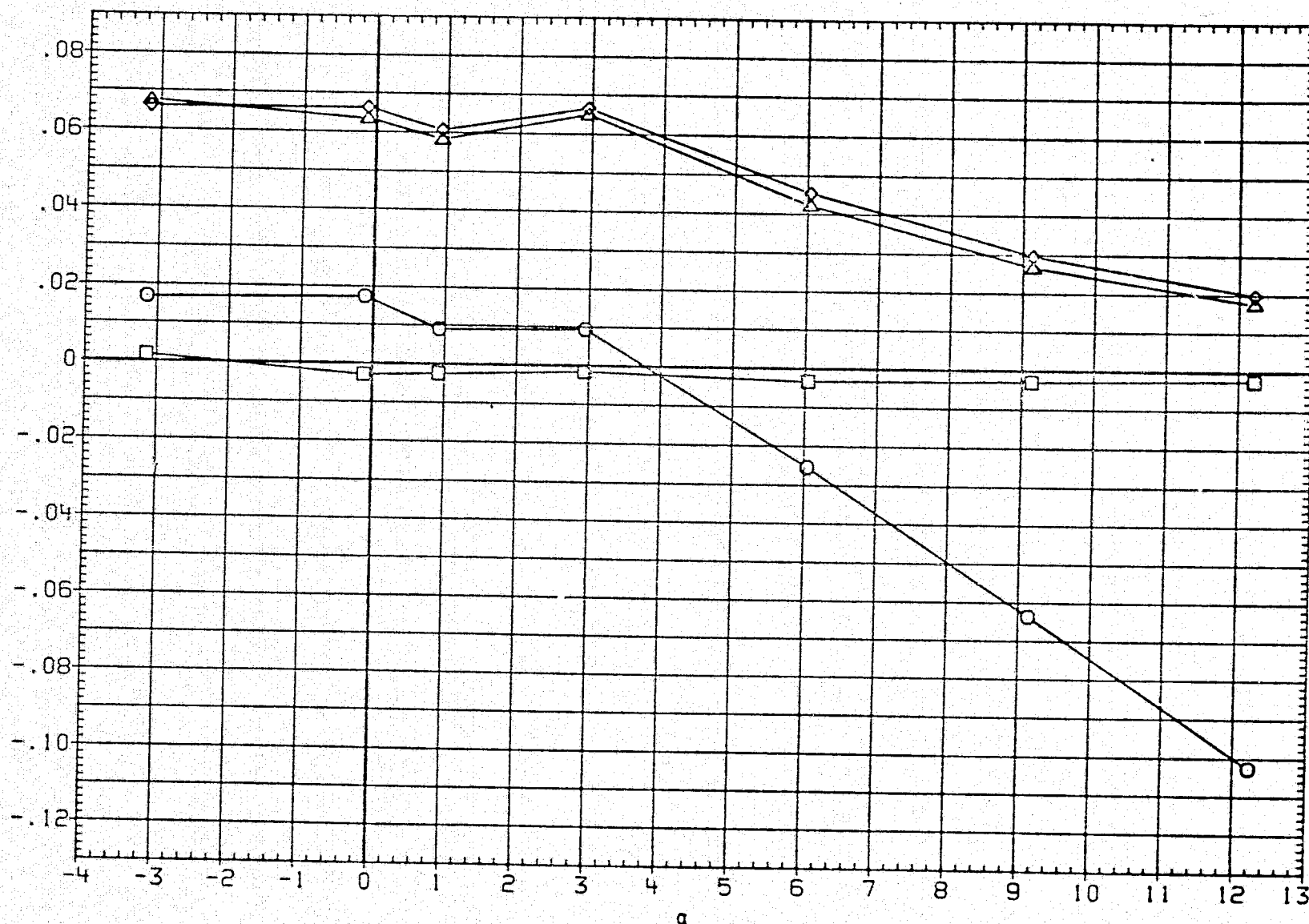


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ097) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.494 BETA .000
□	CRM C	D1 .000 D3 .000
◇	CRM T	D2 6.000 D4 6.000
△	CRM B	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

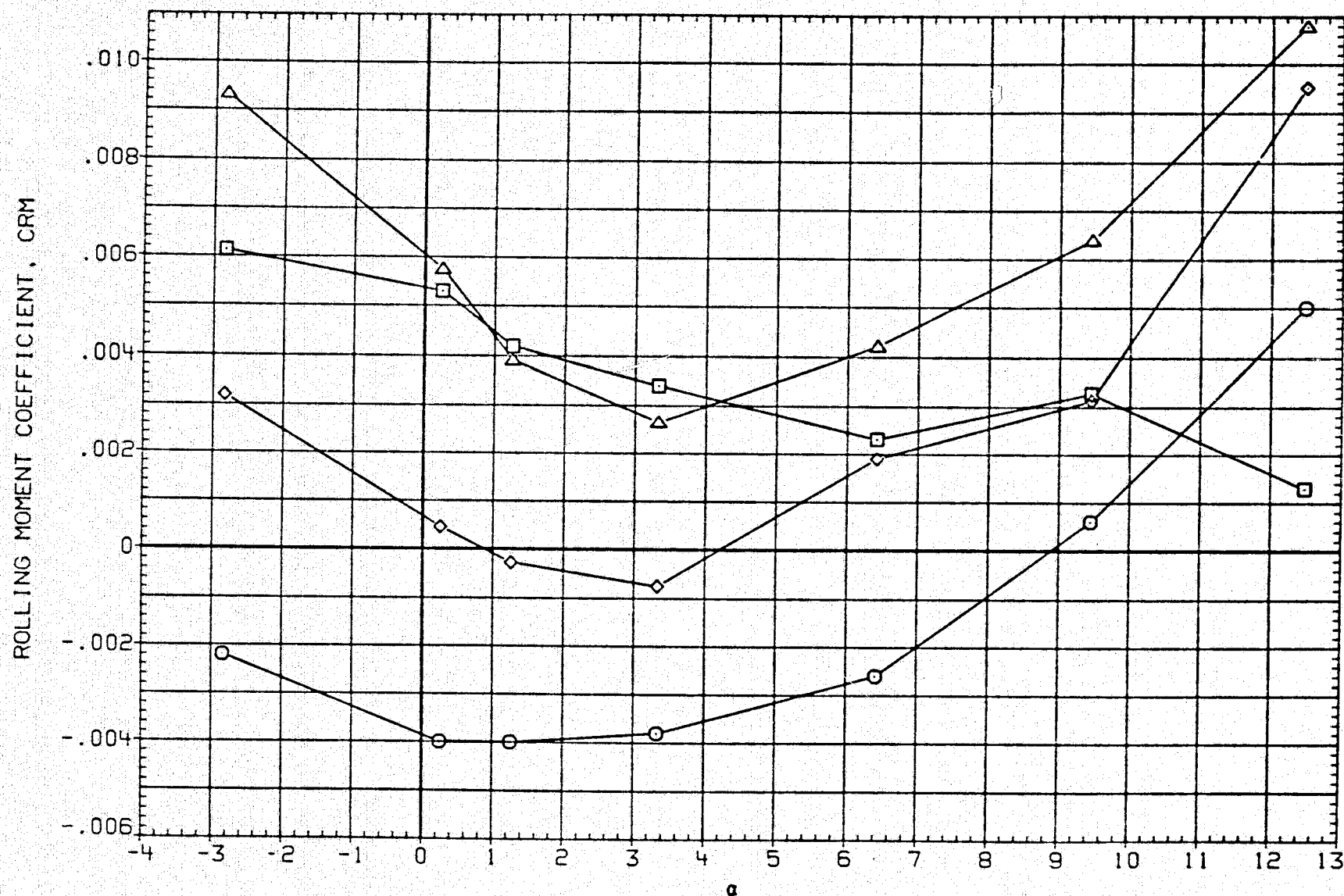


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ097) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.990 BETA .000
◇	CRM C	D1 .000 D3 .000
◇	CRM T	D2 6.000 D4 6.000
△	CRM B	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

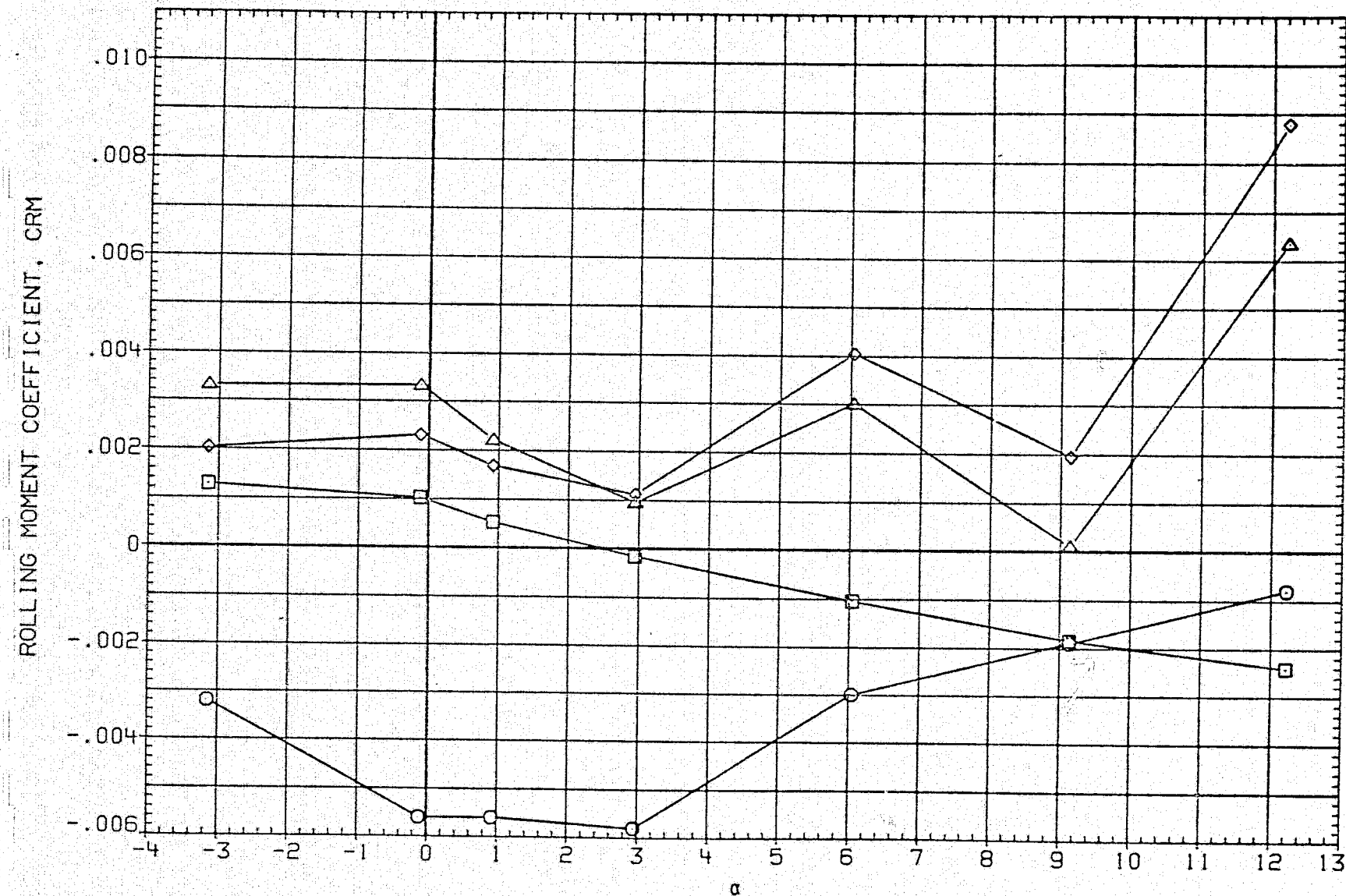


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ098) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.492 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 9.000 D4 9.000
△	CNB	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

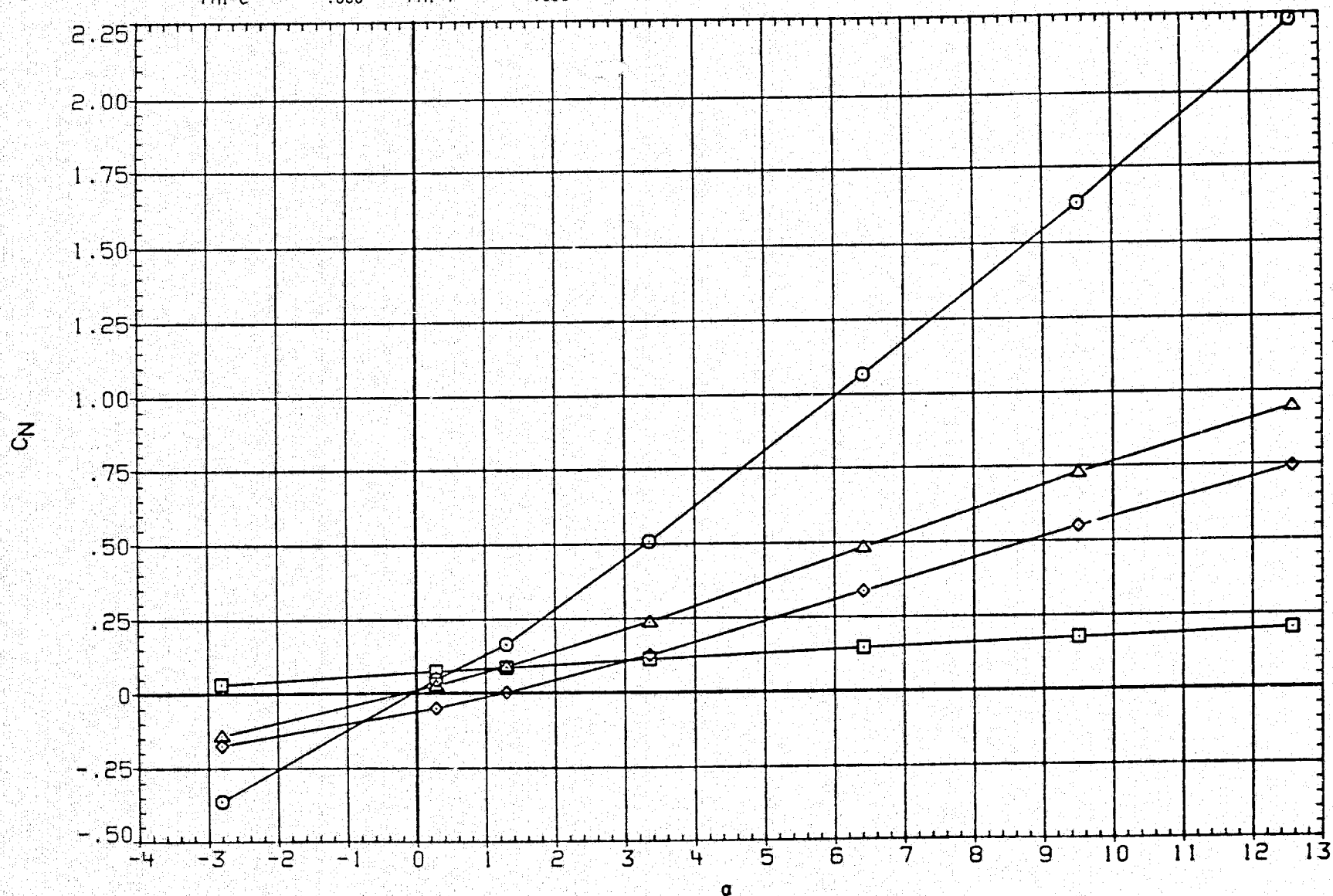


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ098) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.990 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 9.000 D4 9.000
△	CN9	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

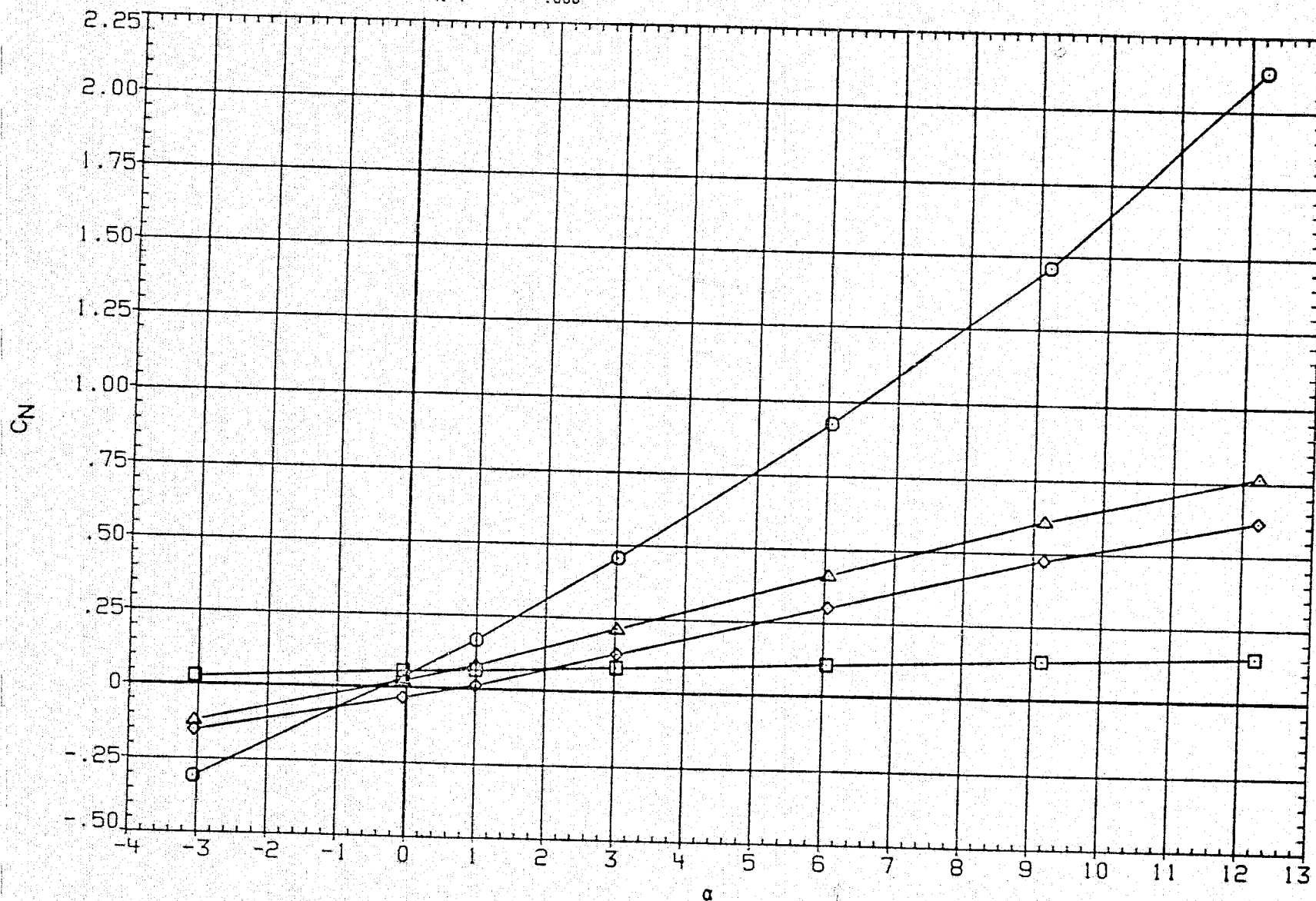


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ098) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CM	MACH	1.492	BETA	.000
□	CMC	D1	.000	D3	.000
◇	CMT	D2	9.000	D4	9.000
△	CMB	D1-3	.000	D2-4	9.000
		PHI-C	.000	PHI-T	.000

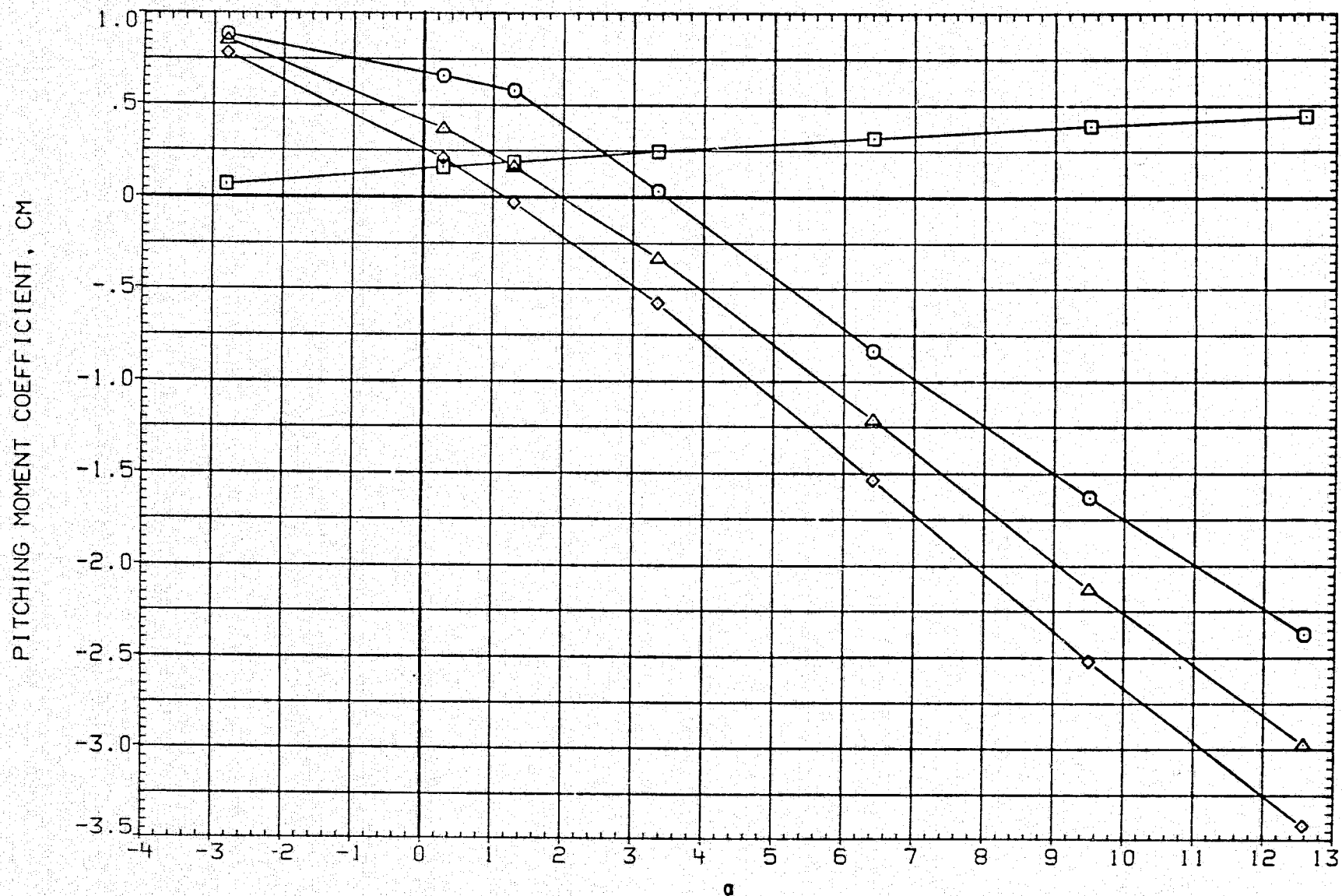


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ098) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CM	MACH	1.990	BETA	.000
□	CMC	D1	.000	D3	.000
◇	CMT	D2	9.000	D4	9.000
△	CMB	D1-3	.000	D2-4	9.000
		PHI-C	.000	PHI-T	.000

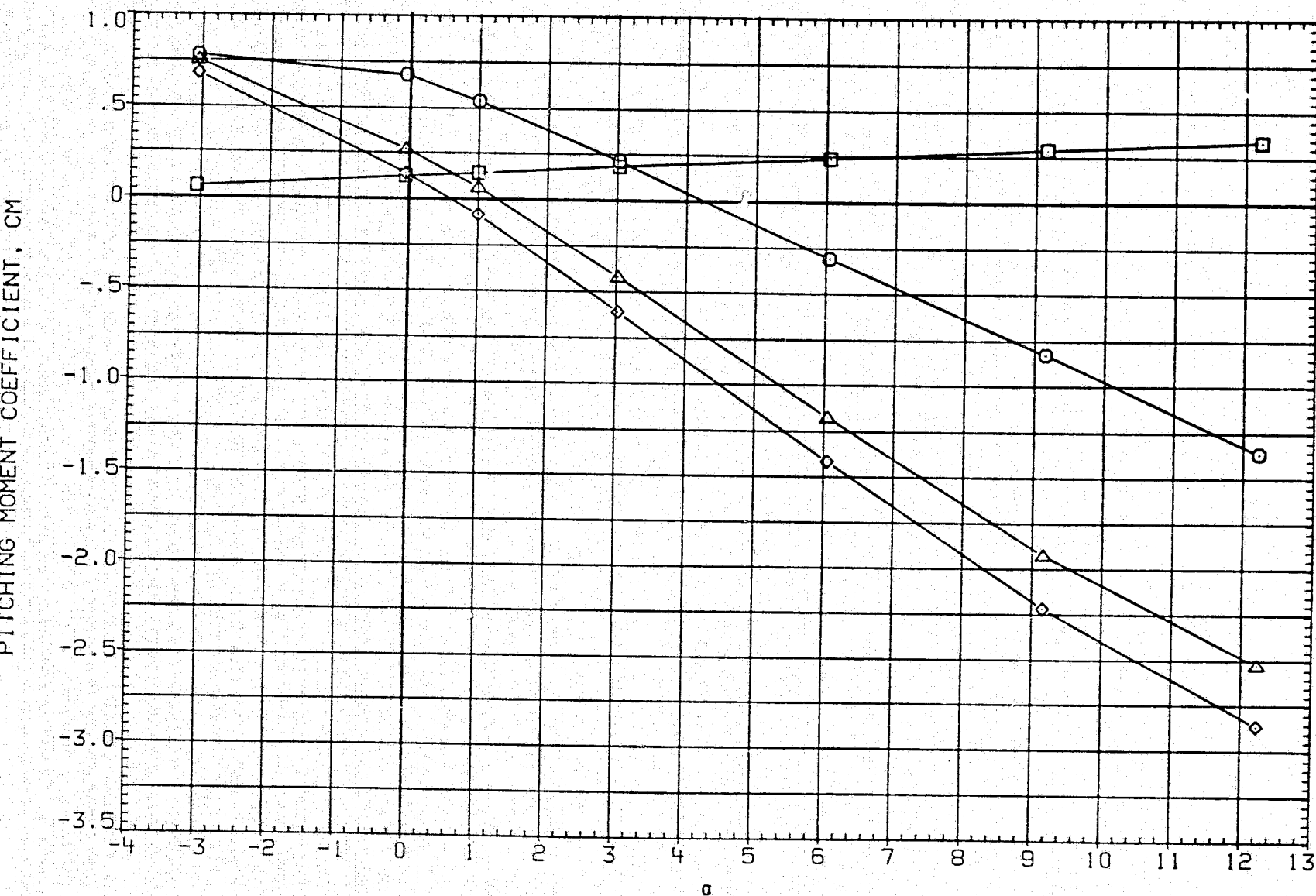


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ098)

CONFIGURATION 7 (BN2C1T1)

SYMBOL

DATA

PARAMETRIC VALUES

O

CA

MACH

1.492

BETA

.000

D1

.000

D3

.000

D2

9.000

D4

9.000

D1-3

.000

D2-4

9.000

PHI-C

.000

PHI-T

.000

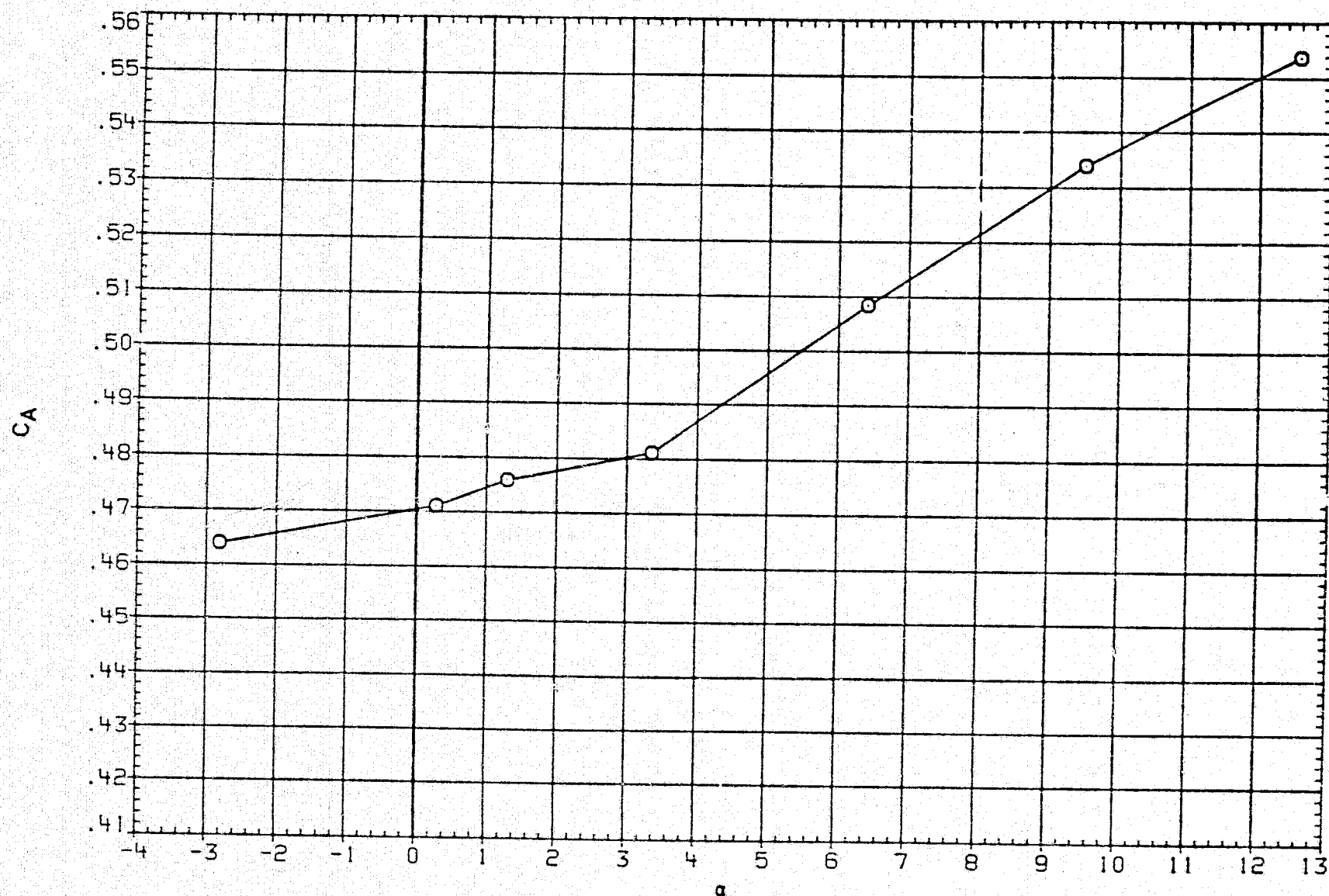


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ098) CONFIGURATION 7 (BN2CIT1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.990	PETA	.000
		D1	.000	D3	.000
		D2	9.000	D4	9.000
		D1-3	.000	D2-4	9.000
		PHI-C	.000	PHI-T	.000

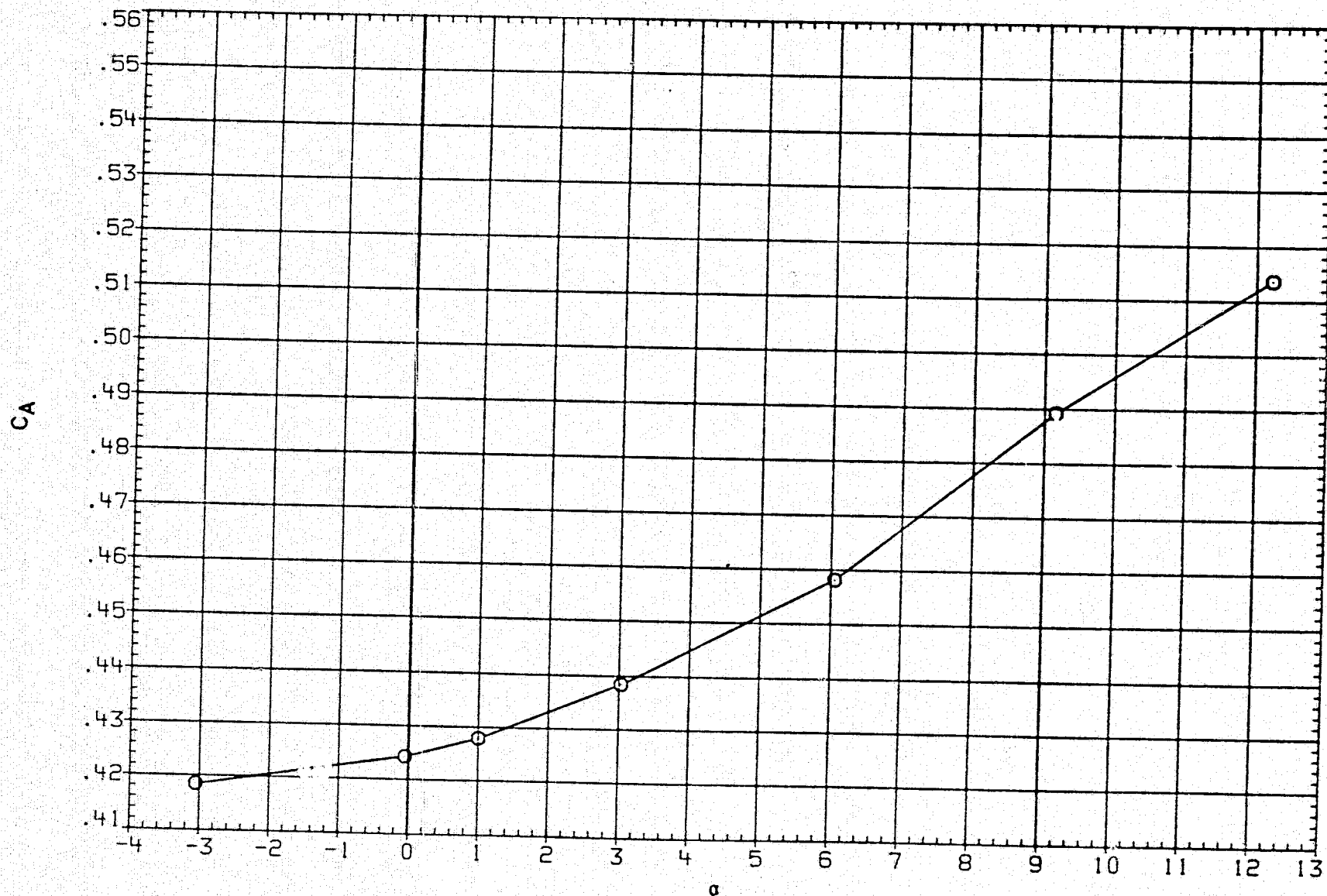


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ098) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.492
□	CYC	D1 .000
◇	CYT	D2 9.000
△	CYB	D1-3 .000
		D2-4 9.000
		PHI-C .000
		PHI-T .000

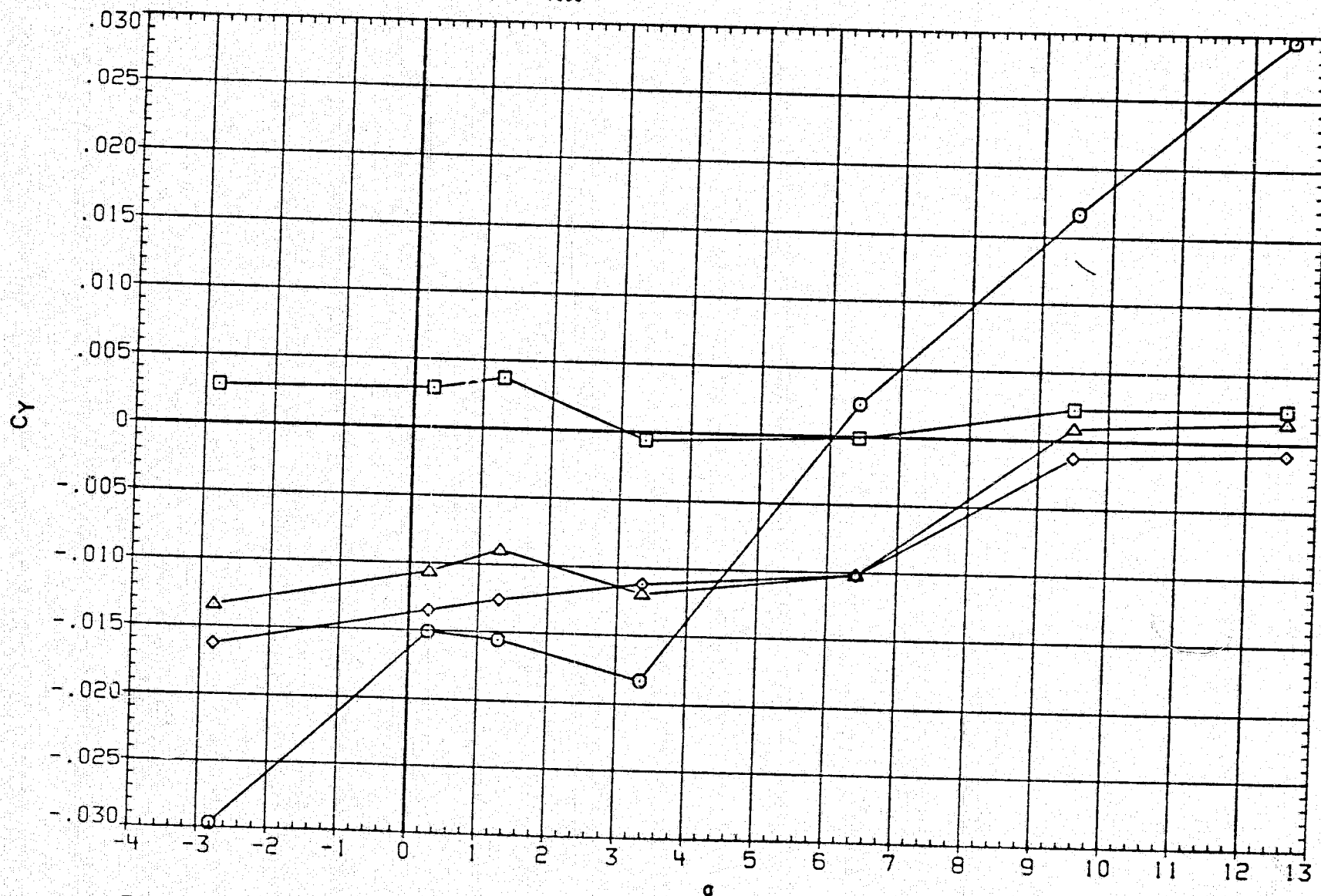


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ098) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.990 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 9.000 D4 9.000
△	CYB	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

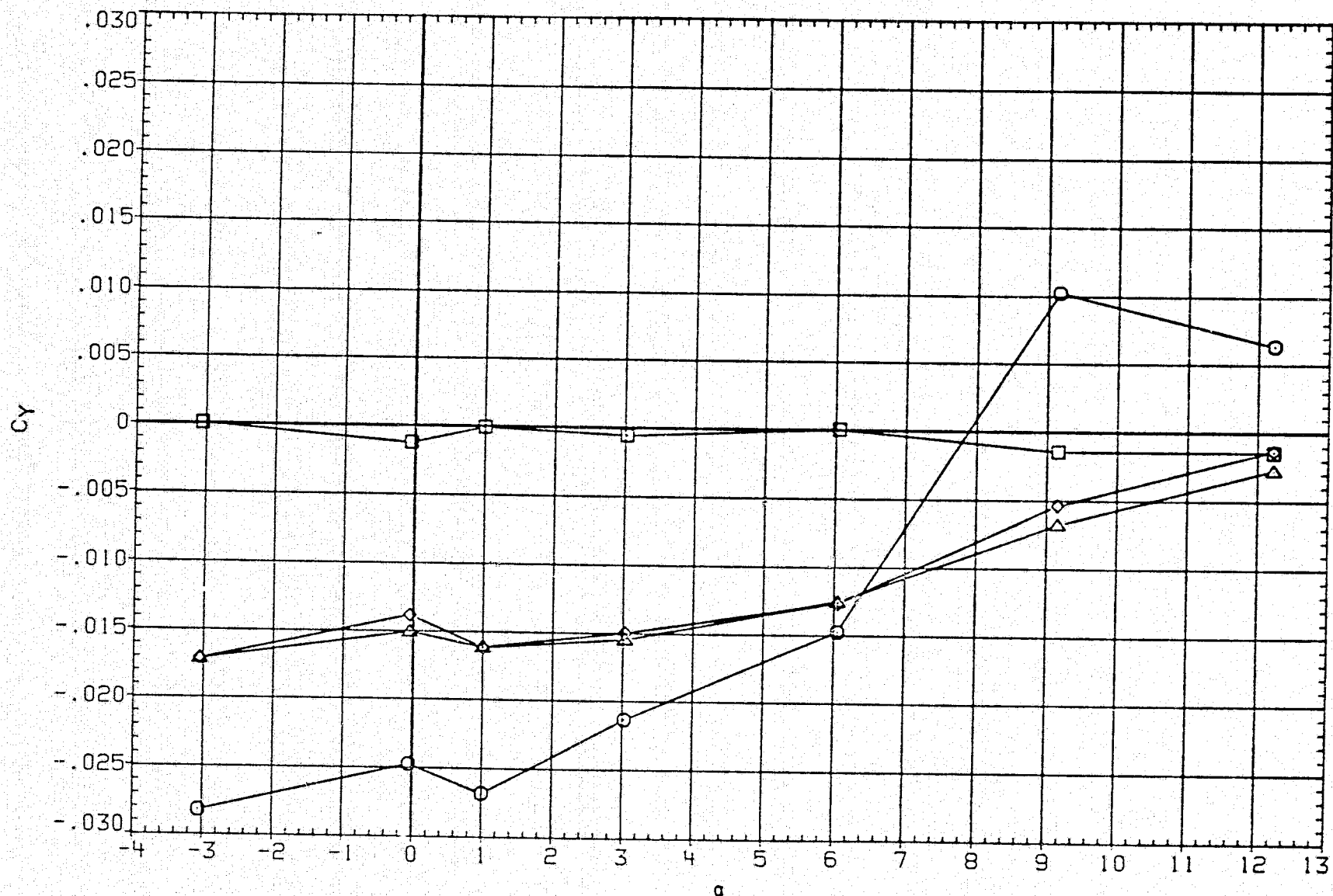


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ098) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
□	CYM	MACH 1.492 BETA .000
◇	CYMC	D1 .000 D3 .000
△	CYMT	D2 9.000 D4 9.000
	CYMB	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

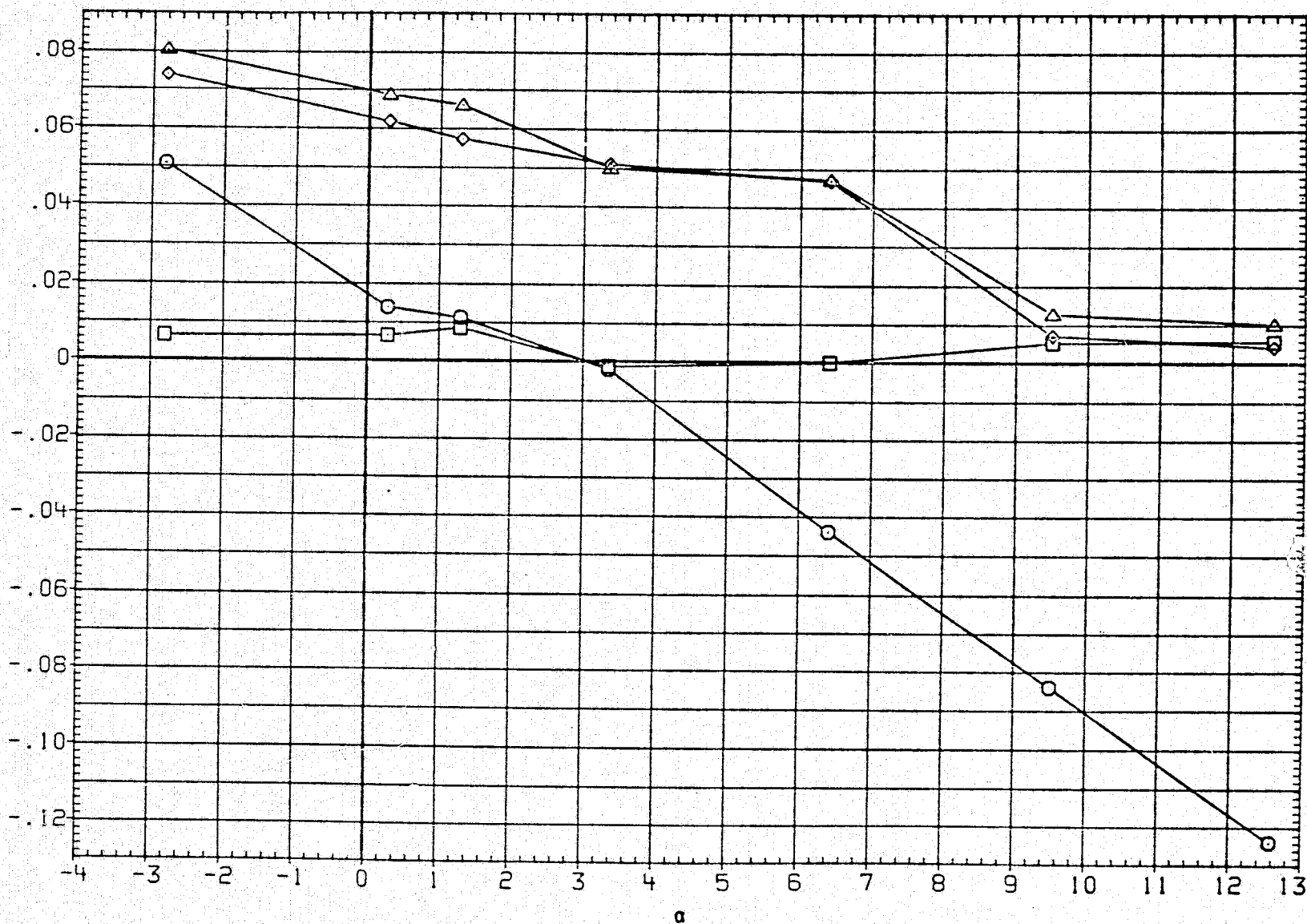


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ093) CONFIGURATION 7 (BN201T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.990 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 9.000 D4 9.000
△	CYMB	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

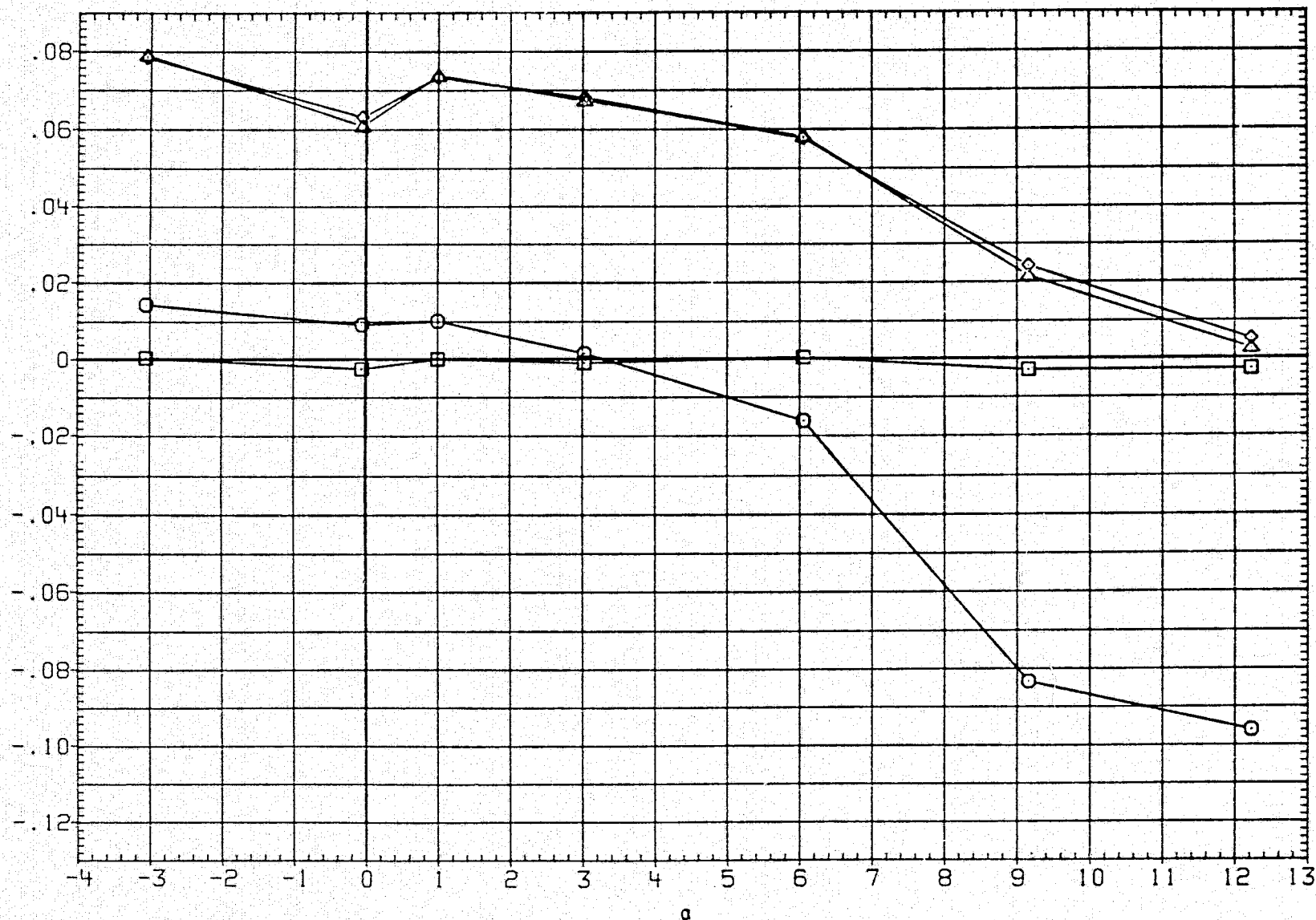


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.492 BETA .000
□	CRMC	D1 .000 D3 .000
◇	CRMT	D2 9.000 D4 9.000
△	CRMB	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

ROLLING MOMENT COEFFICIENT, CRM

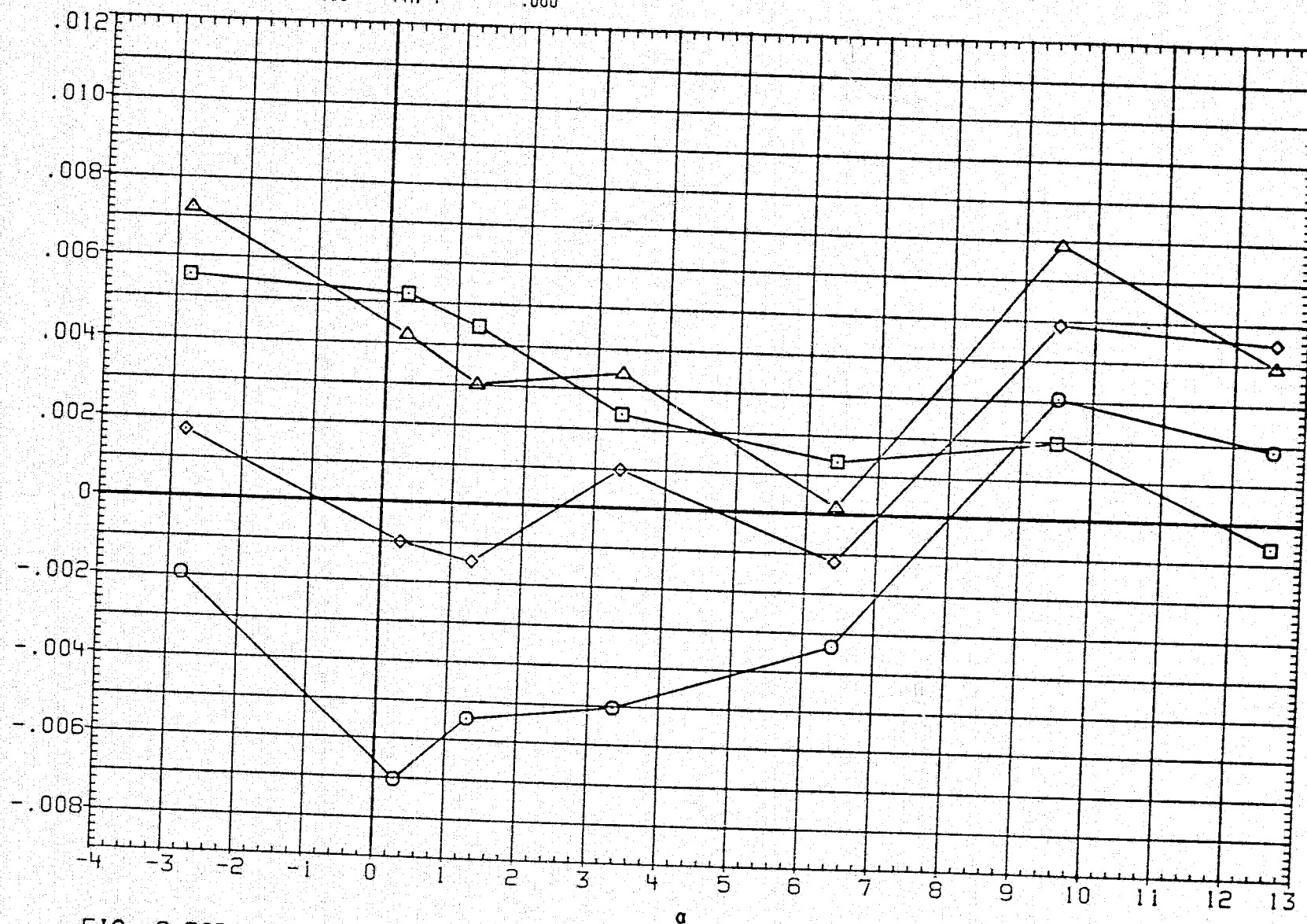


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ098) CONFIGURATION 7 (BN2CIT1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.990 BETA .000
□	CRM C	D1 .000 D3 .000
◇	CRM T	D2 9.000 D4 9.000
△	CRM B	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

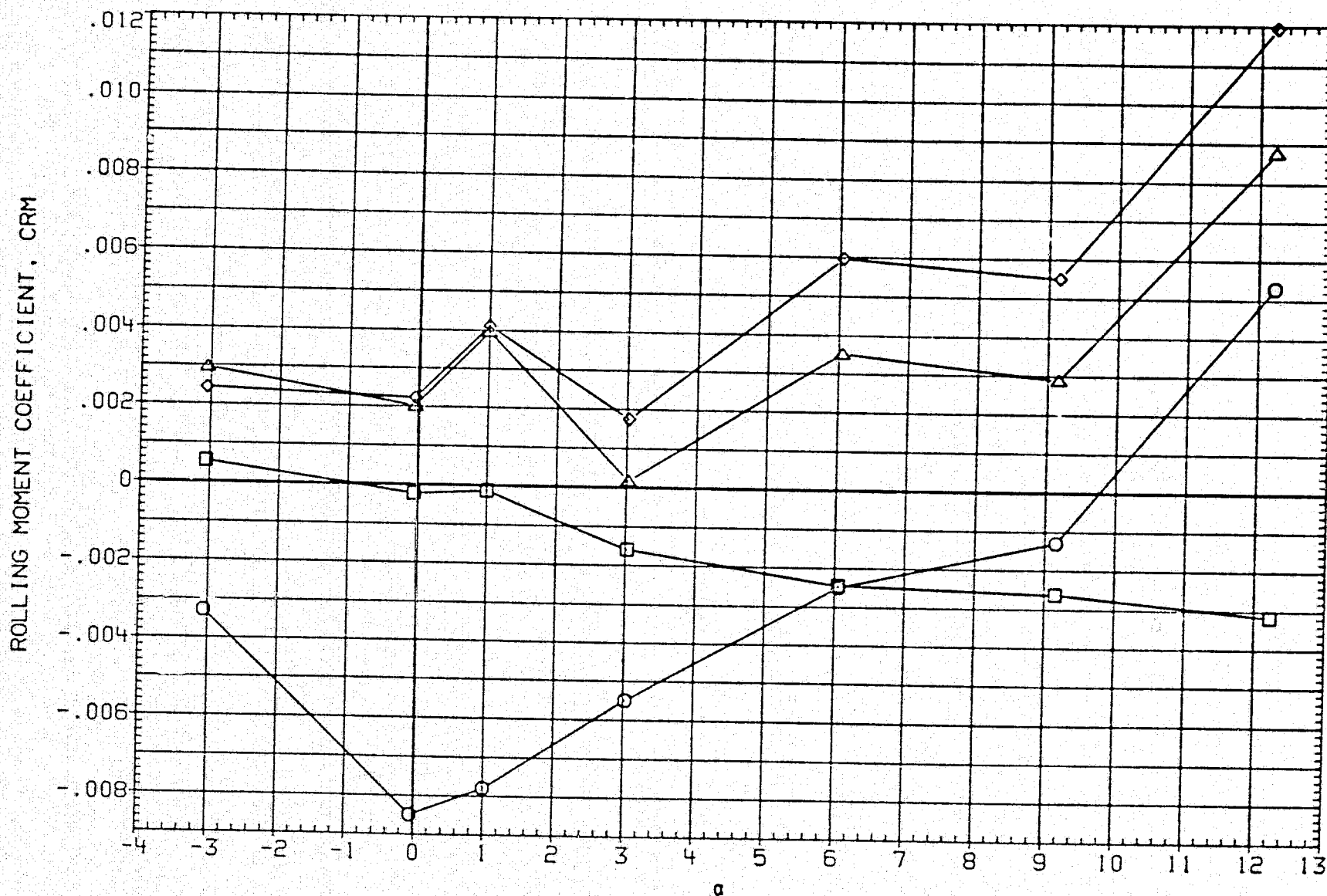


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ099) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.494 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 15.000 D4 15.000
△	CNB	D1-3 .000 D2-4 15.000
		PHI-C .000 PHI-T .000

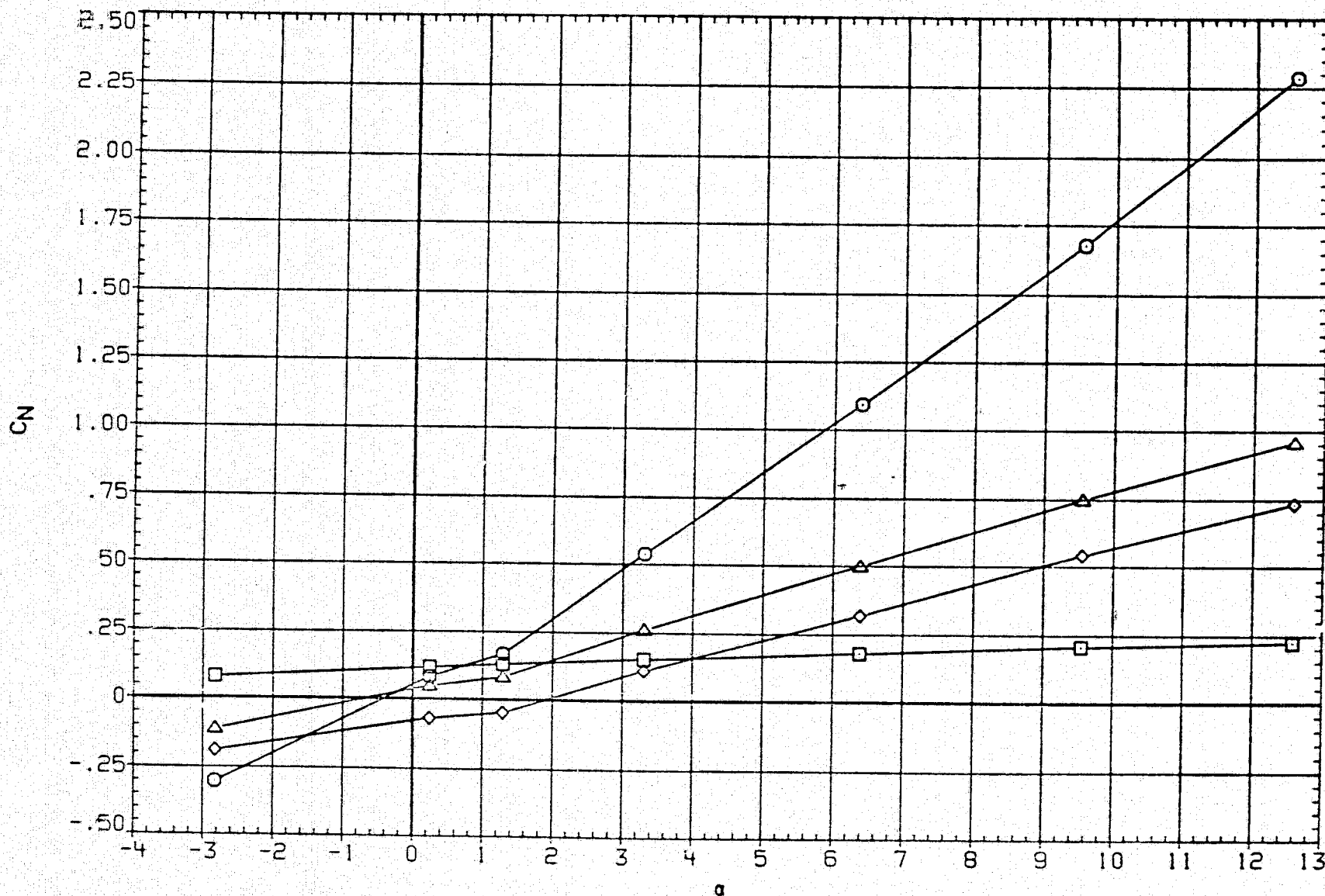


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ099) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.990	BETA	.000
□	CNC	D1	.000	D3	.000
◇	CNT	D2	15.000	D4	15.000
△	CNB	D1-3	.000	D2-4	15.000
		PHI-C	.000	PHI-T	.000

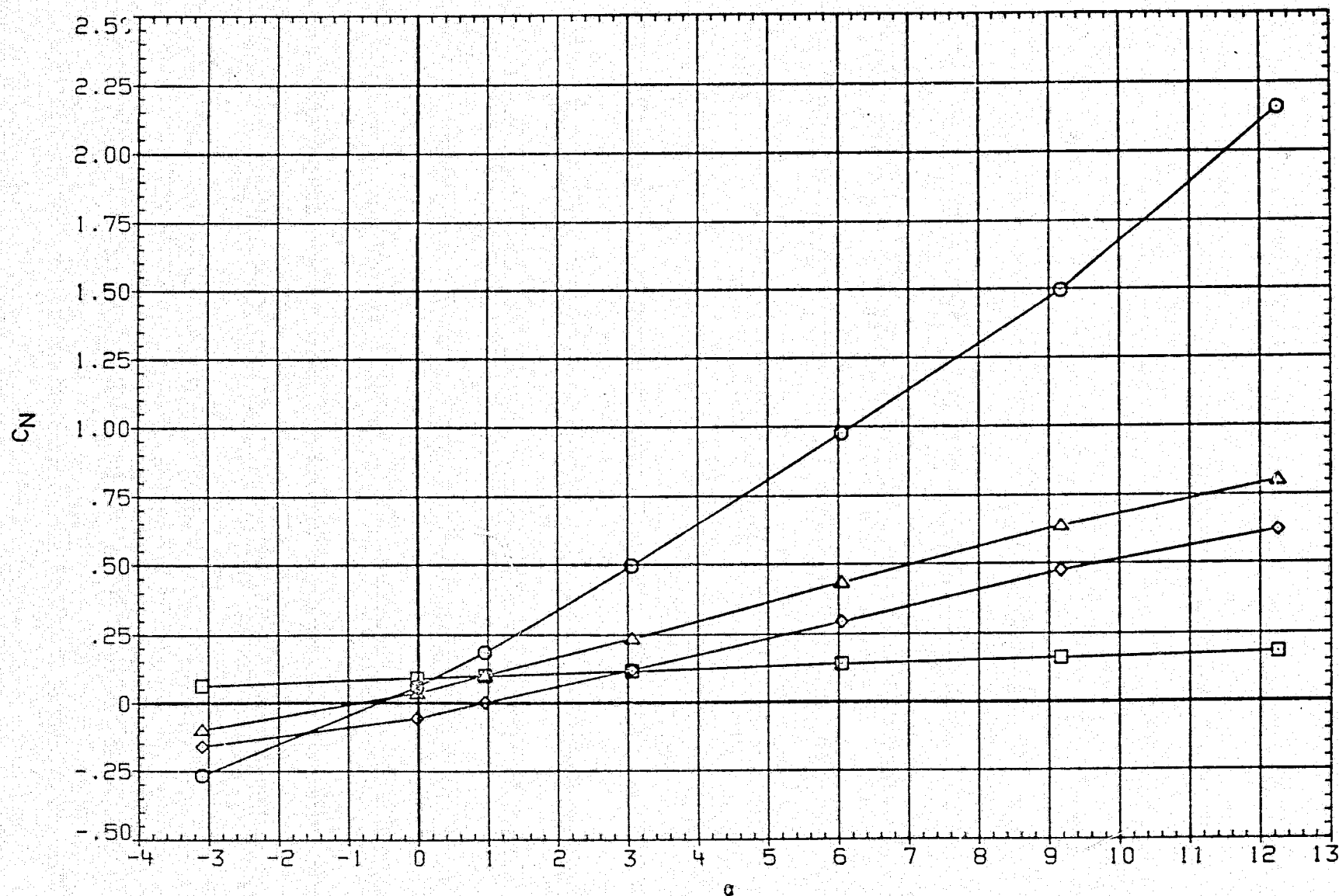


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ099) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.494 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 15.000 D4 15.000
△	CMB	D1-3 .000 D2-4 15.000
		PHI-C .000 PHI-T .000

PITCHING MOMENT COEFFICIENT, CM

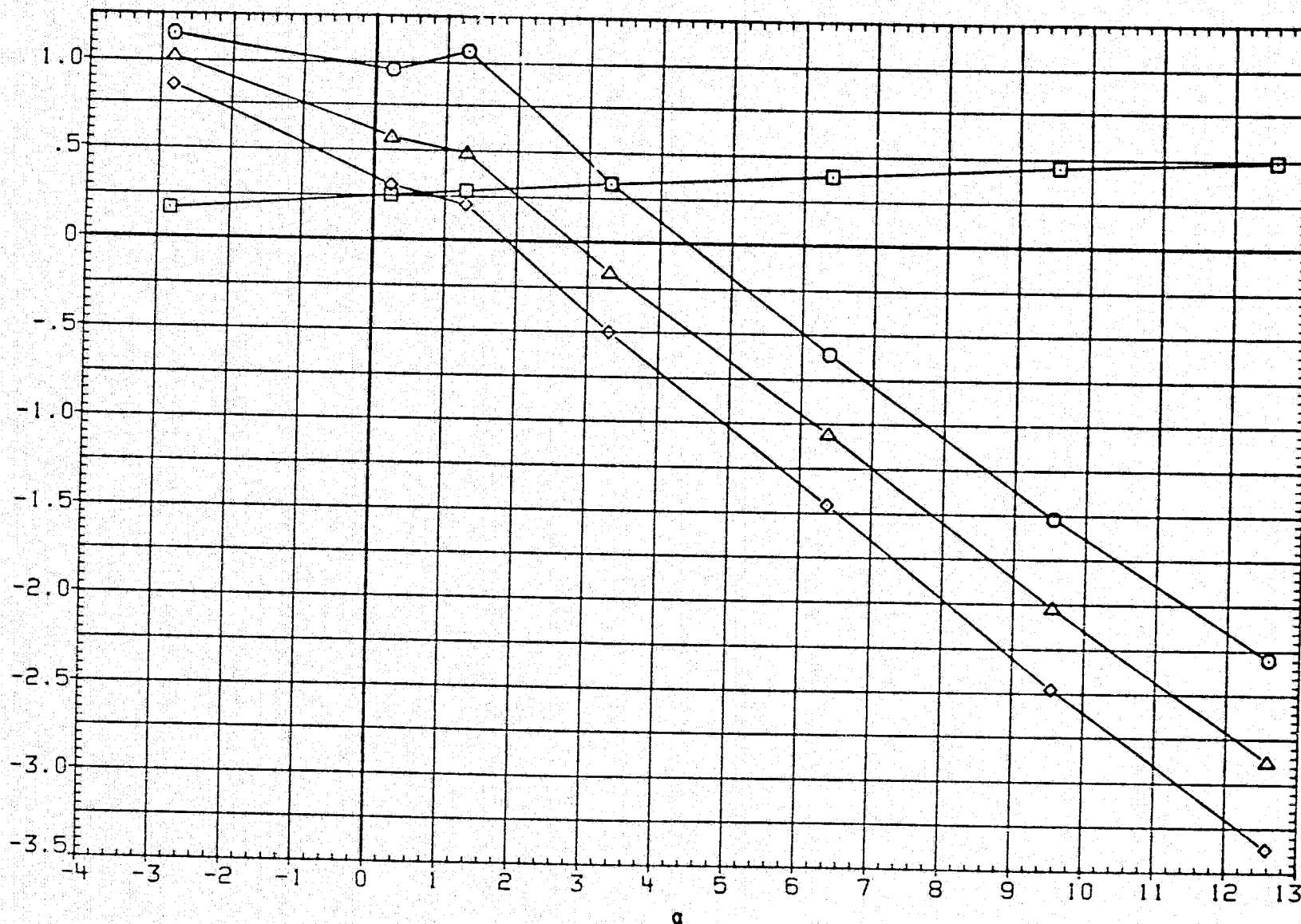


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ099) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CM	MACH	1.990	BETA	.000
□	CMC	D1	.000	D3	.000
◇	CMT	D2	15.000	D4	15.000
△	CMB	D1-3	.000	D2-4	15.000
		PHI-C	.000	PHI-T	.000

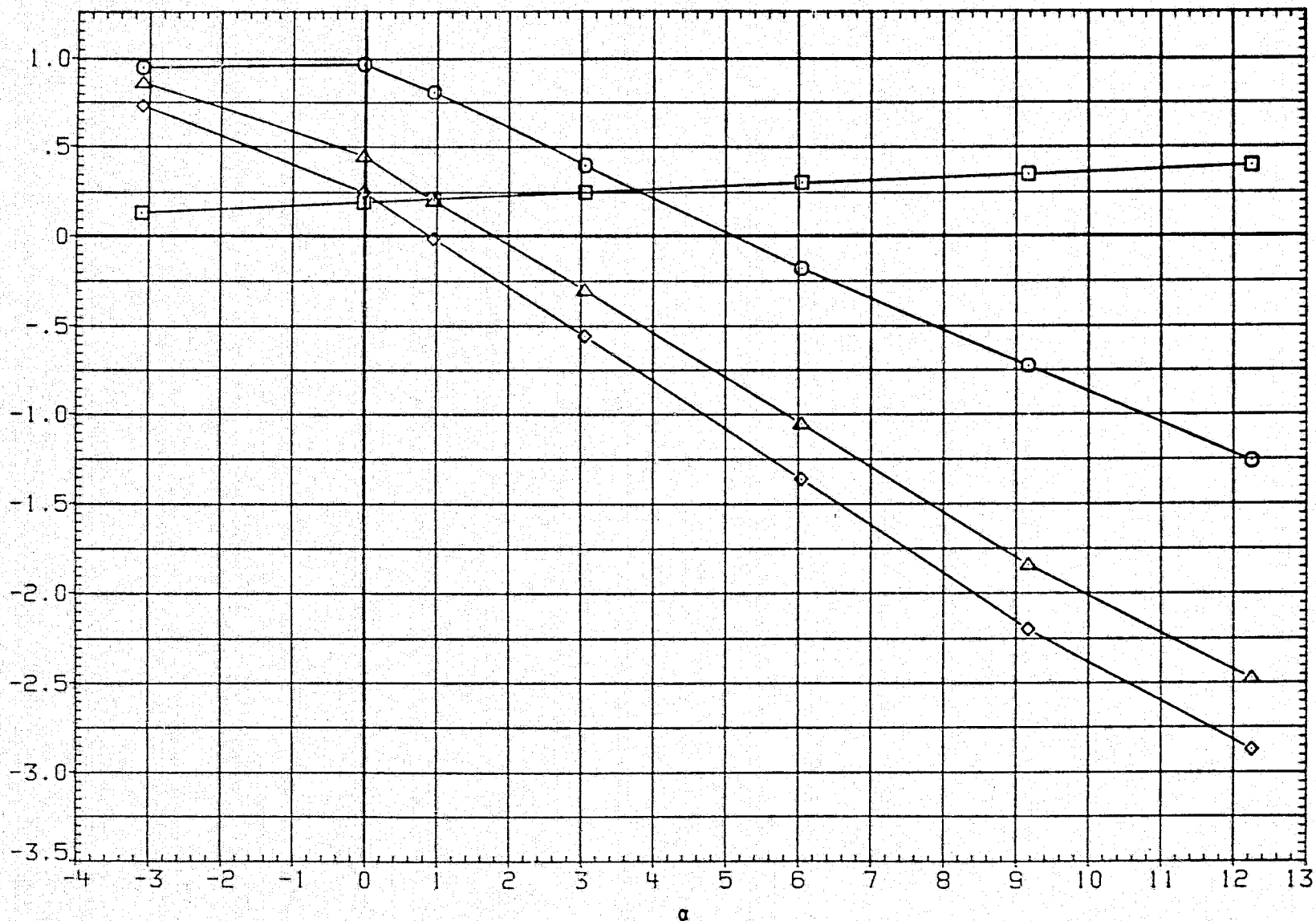


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ099) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CA	MACH	1.494	BETA	.000
		D1	.000	D3	.000
		D2	15.000	D4	15.000
		D1-3	.000	D2-4	15.000
		PHI-C	.000	PHI-T	.000

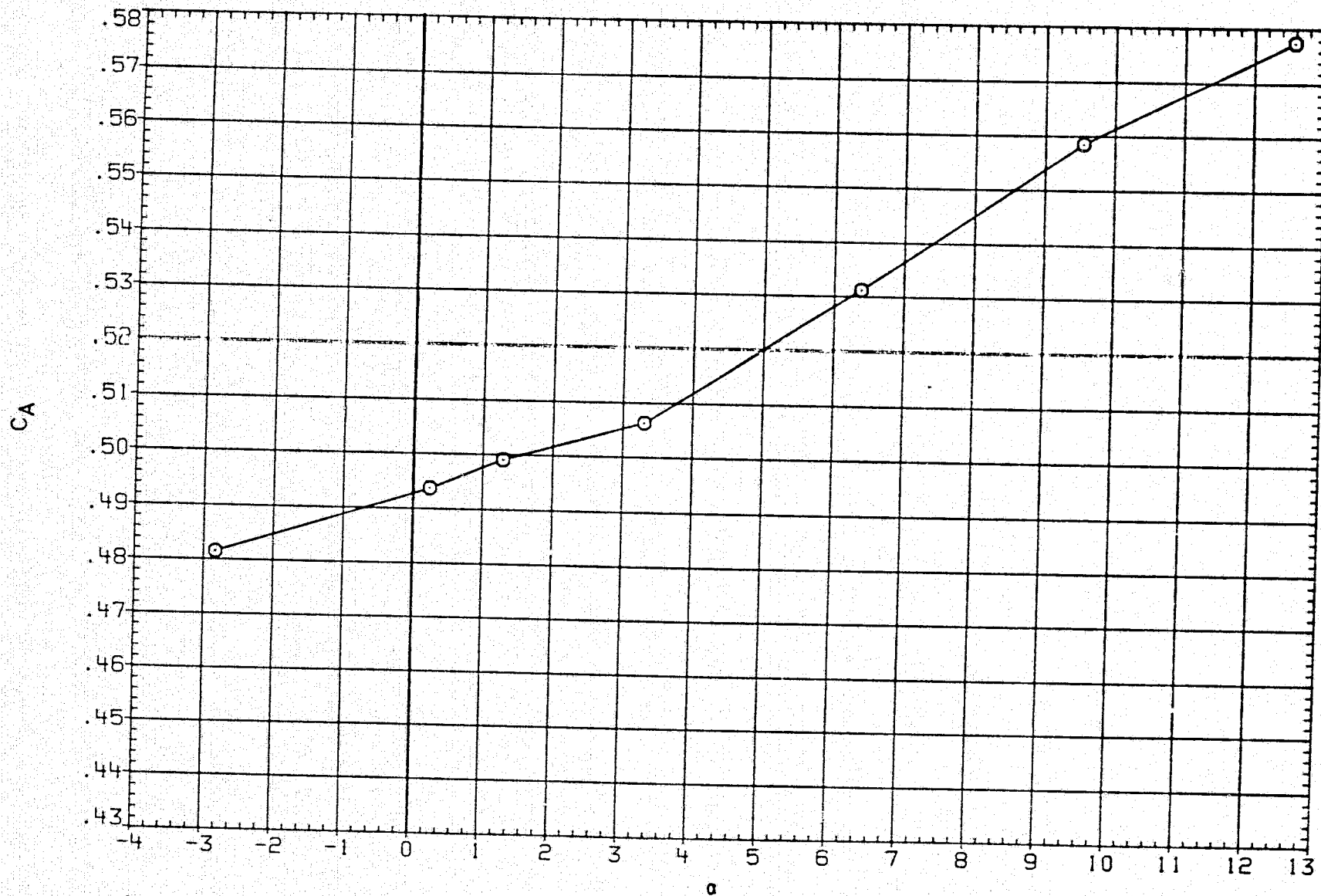


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ099) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CA	MACH	1.990	BETA	.000
		D1	.000	D3	.000
		D2	15.000	D4	15.000
		D1-3	.000	D2-4	15.000
		PHI-C	.000	PHI-T	.000

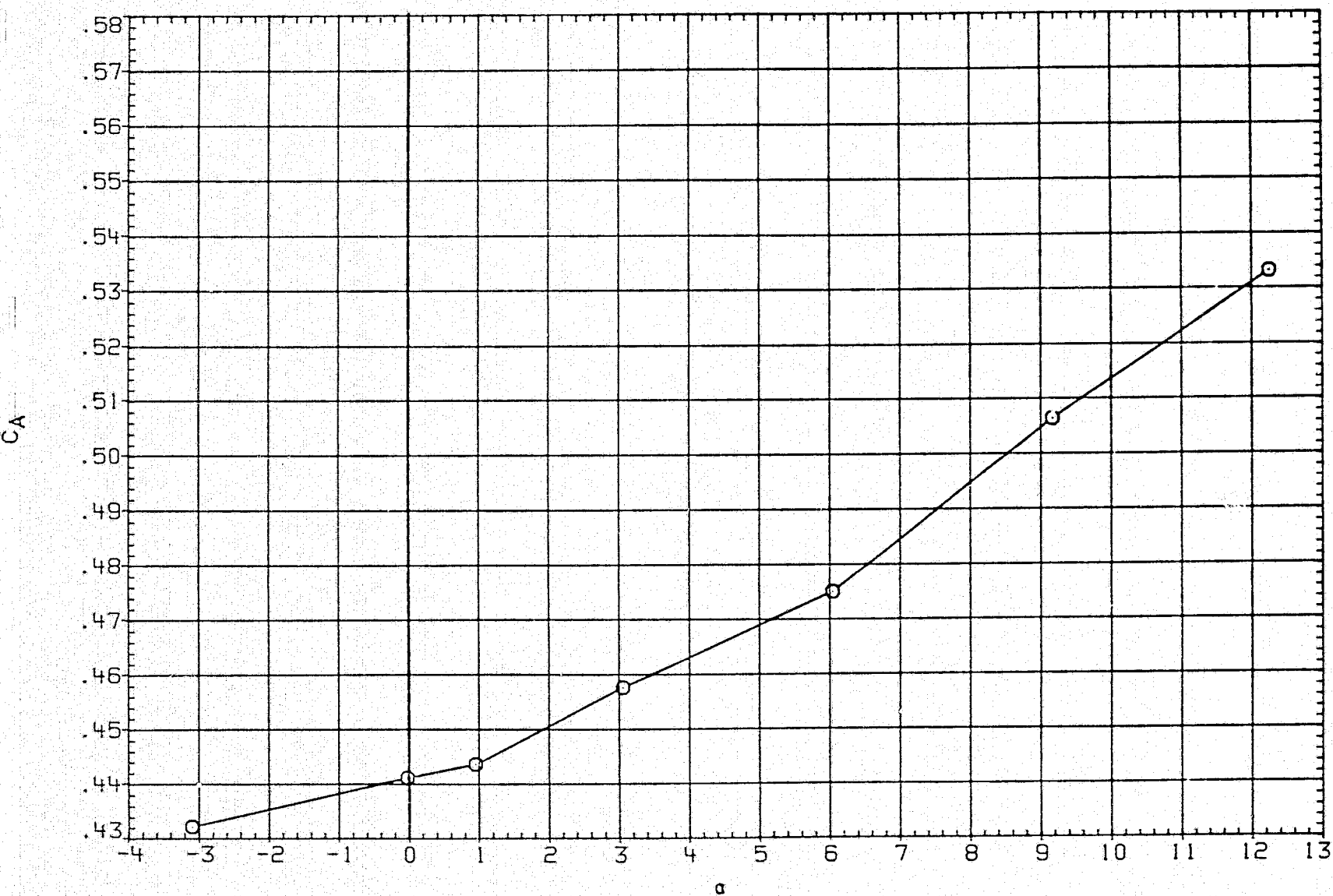


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ099) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.454 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 15.000 D4 15.000
△	CYB	D1-3 .000 D2-4 15.000
		PHI-C .000 PHI-T .000

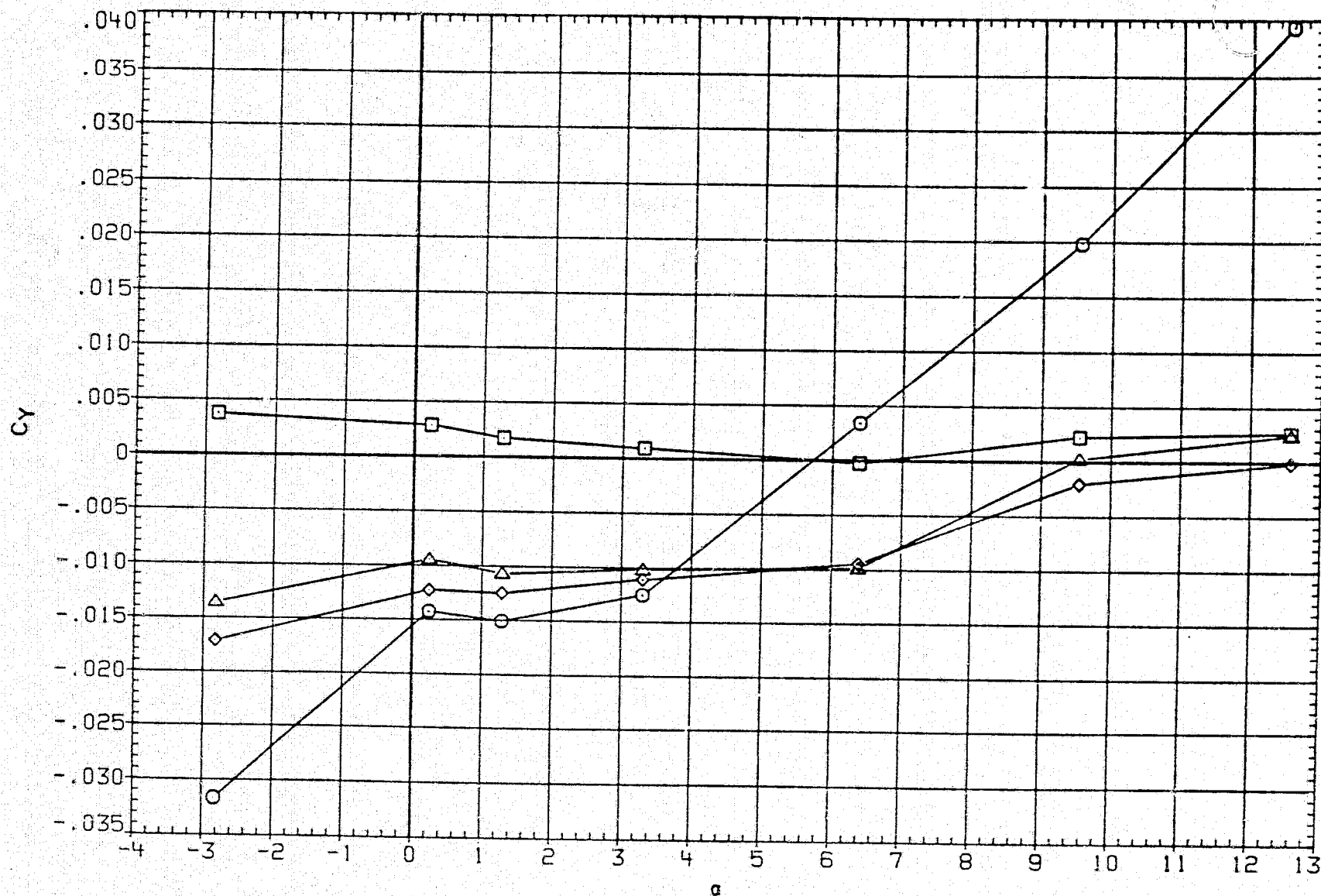


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ099) CONFIGURATION 7 (3N2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.990 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 15.000 D4 15.000
△	CYB	D1-3 .000 D2-4 15.000
		PHI-C .000 PHI-T .000

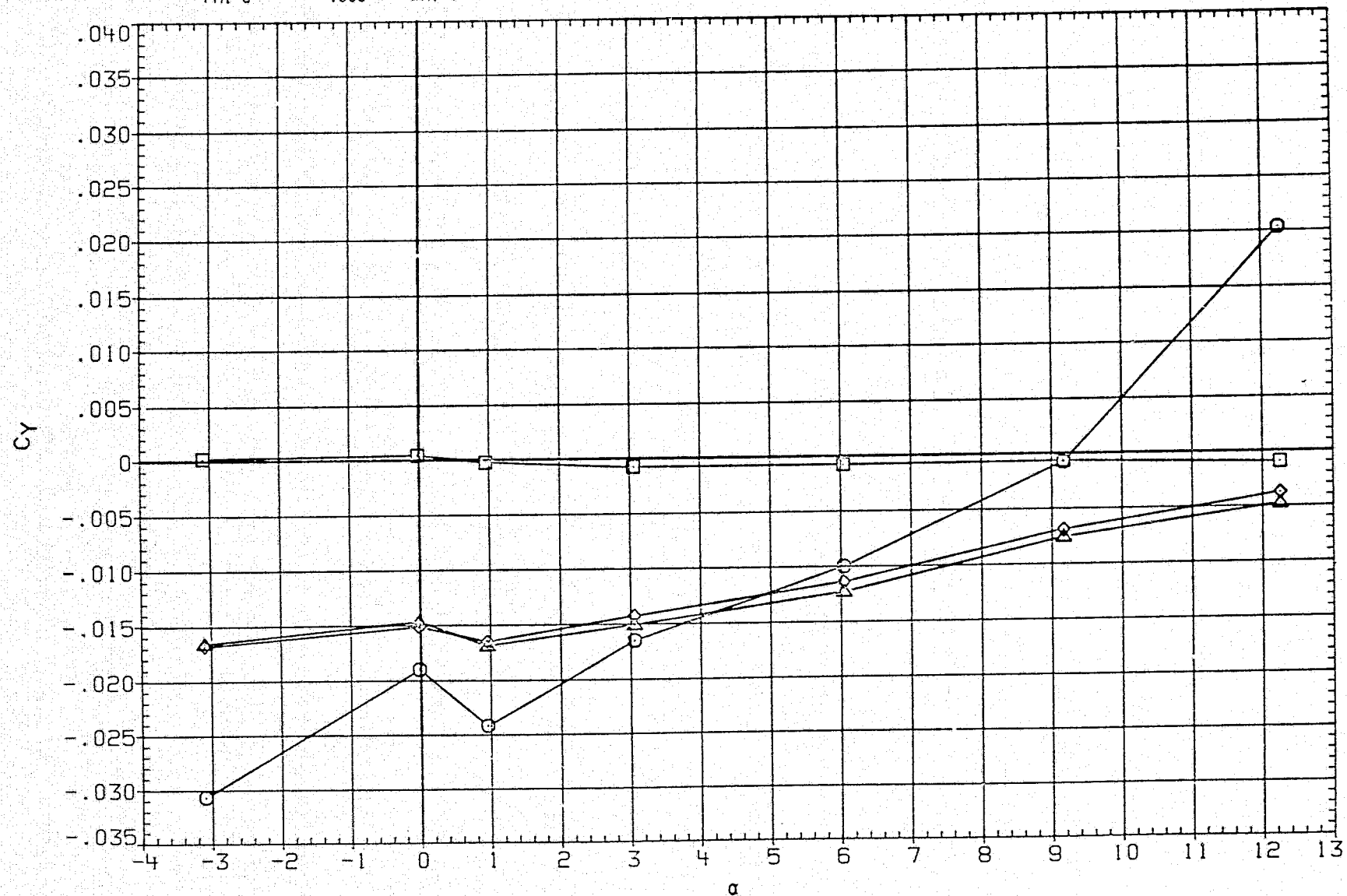


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ099) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CYM	1.494	D1	.000	.000
□	CYMC	.000	D2	.000	.000
◇	CYMT	15.000	D3	.000	.000
△	CYMB	.000	D4	15.000	.000
		D1-3	D2-4		
		PHI-C	PHI-T		
		.000	.000		

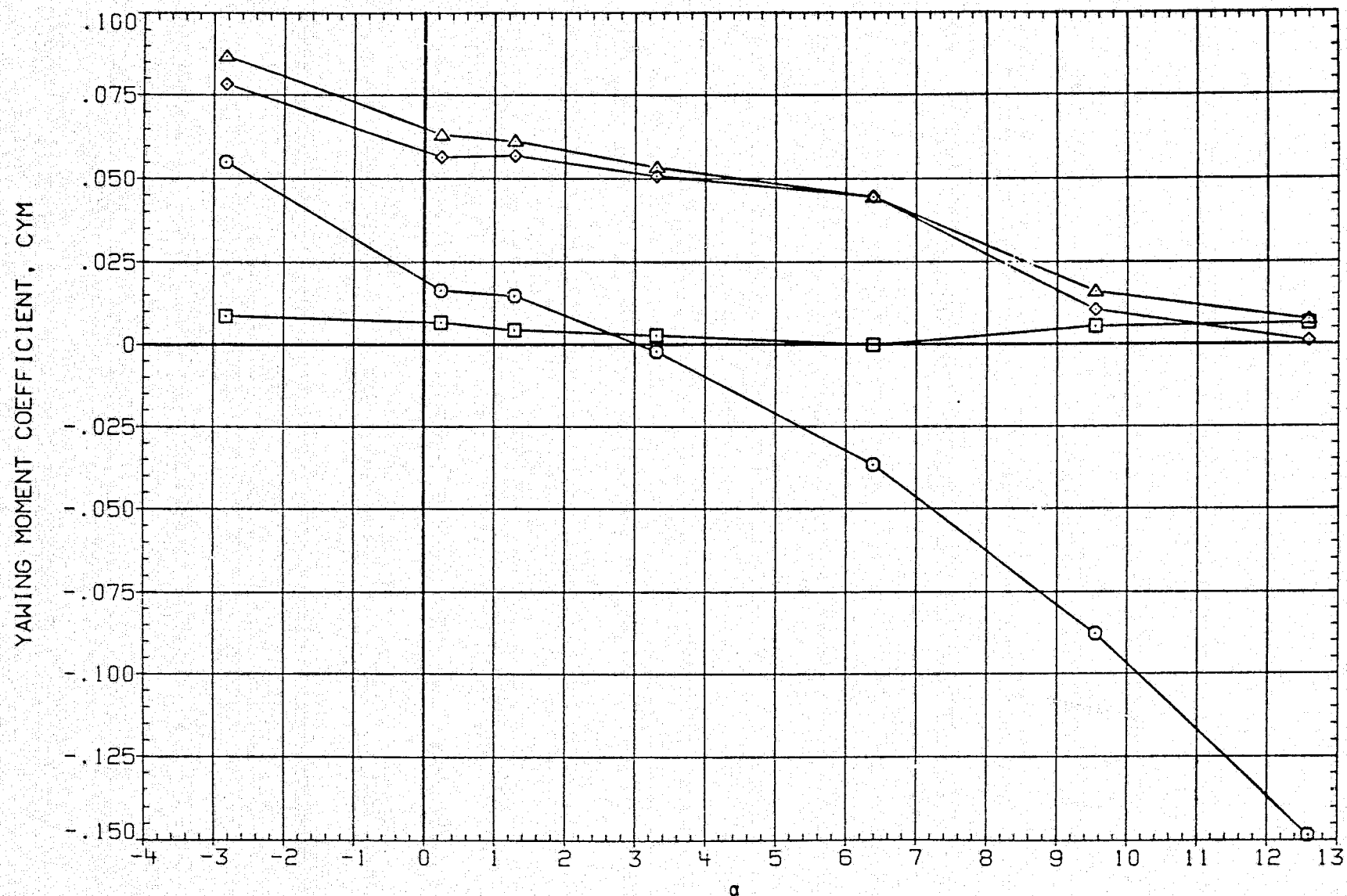


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ099) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.990 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 15.000 D4 15.000
△	CYMB	D1-3 .000 D2-4 15.000
		PHI-C .000 PHI-T .000

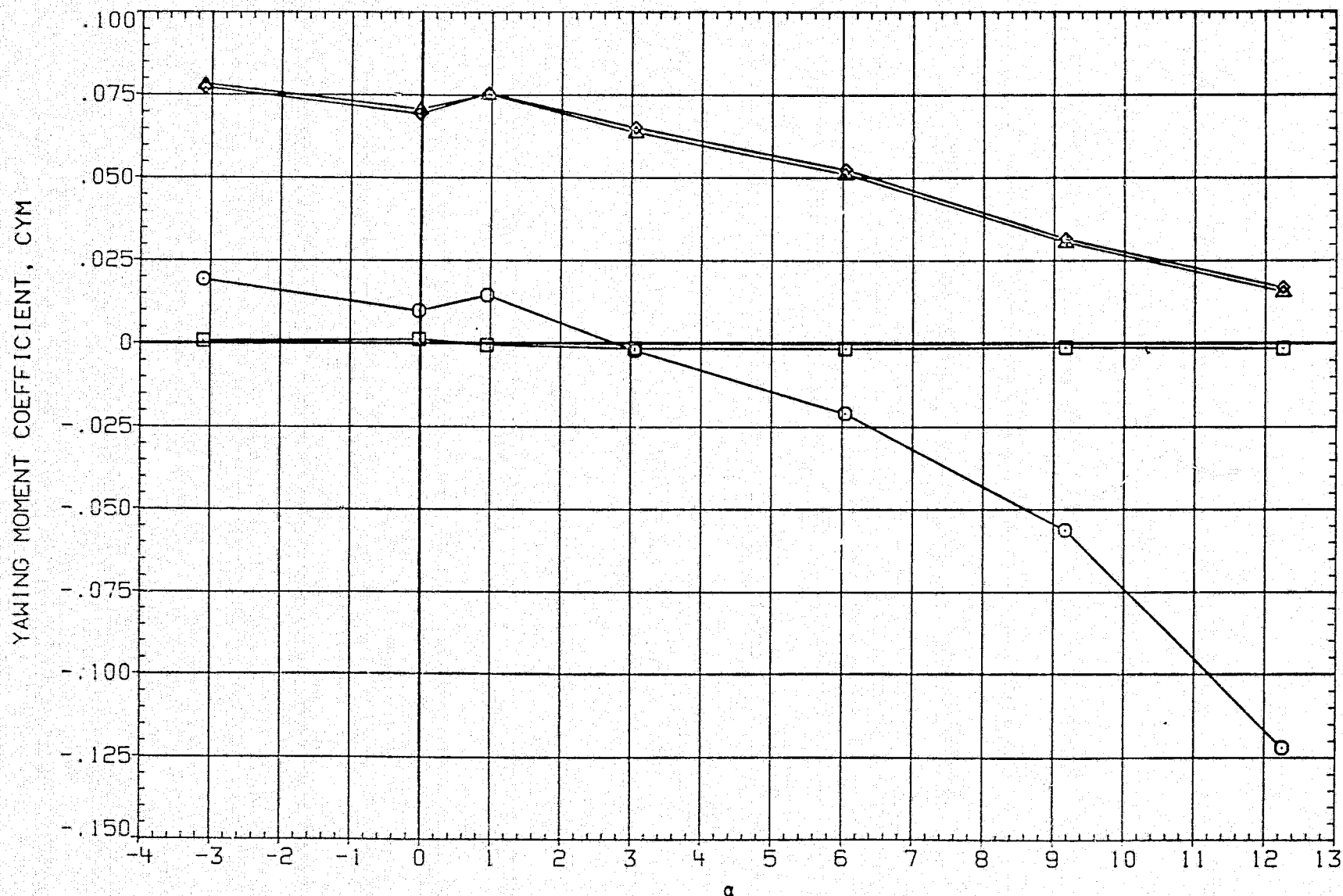


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ099)

CONFIGURATION 7 (BN2C1T1)

SYMBOL

DATA

PARAMETRIC VALUES

○
□
◇
△

CRM
CRMC
CRMT
CRMB

MACH
D1
D2
D1-3
PHI-C

1.494
.000
15.000
.000
.000

BETA
D3
D4
D2-4
PH:-T

.000
.000
15.000
15.000
.000

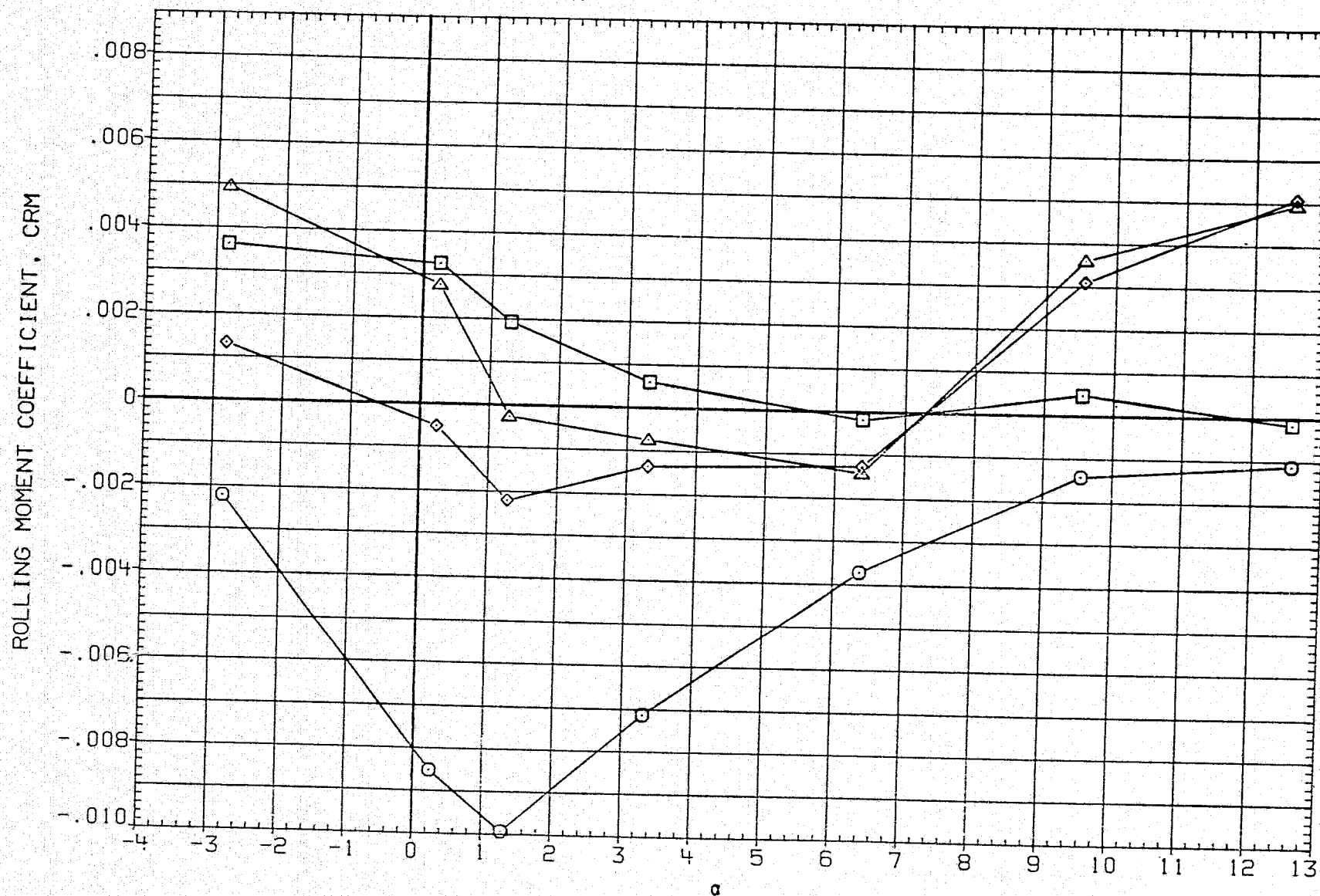


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ099) CONFIGURATION 7 (BN2C1T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.990 BETA .000
□	CRM C	D1 .000 D3 .000
◇	CRM T	D2 15.000 D4 15.000
△	CRM B	D1-3 .000 D2-4 15.000
	PHI-C	.000 PHI-T .000

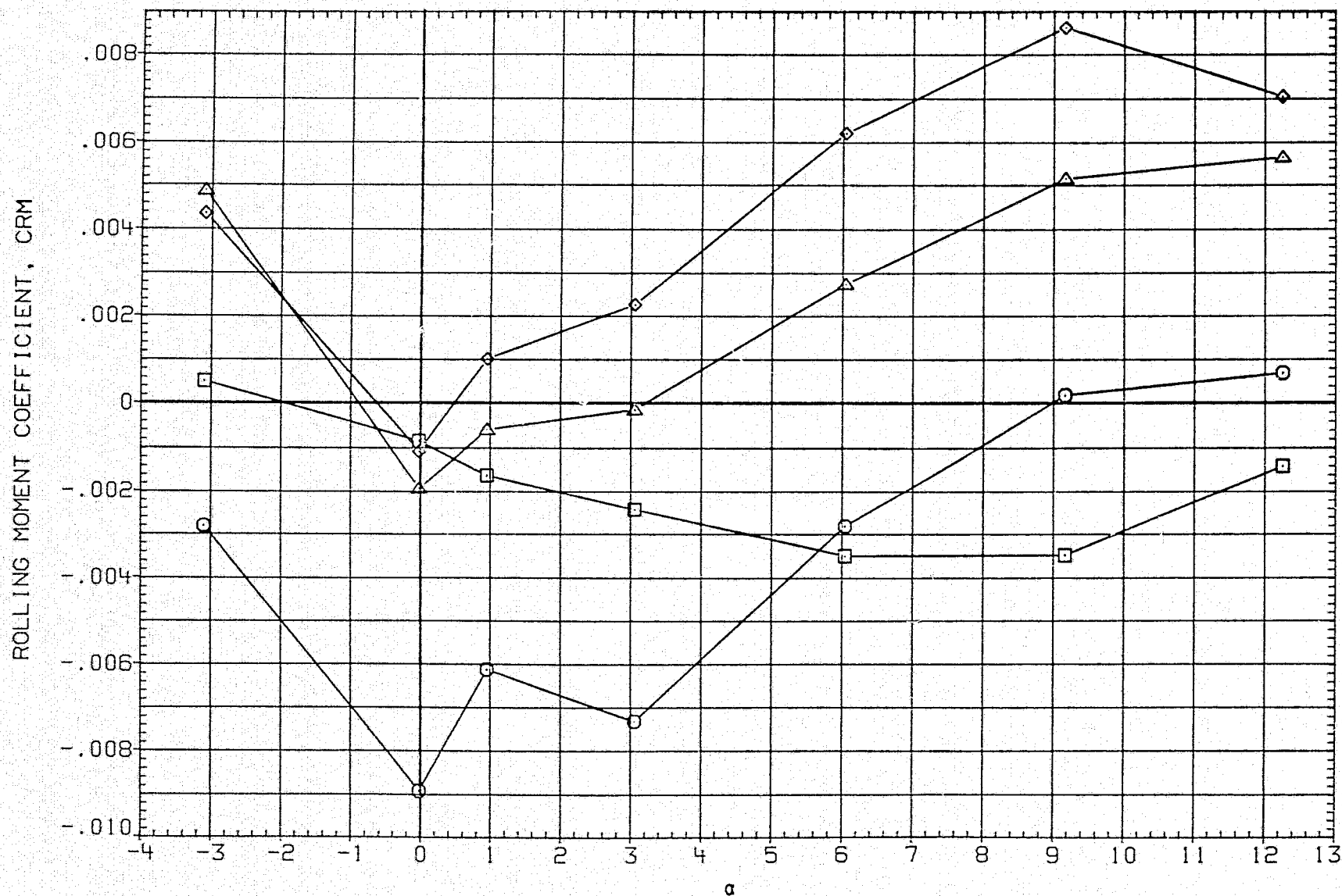


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ281) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.501 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 -3.000 D4 -3.000
△	CNB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

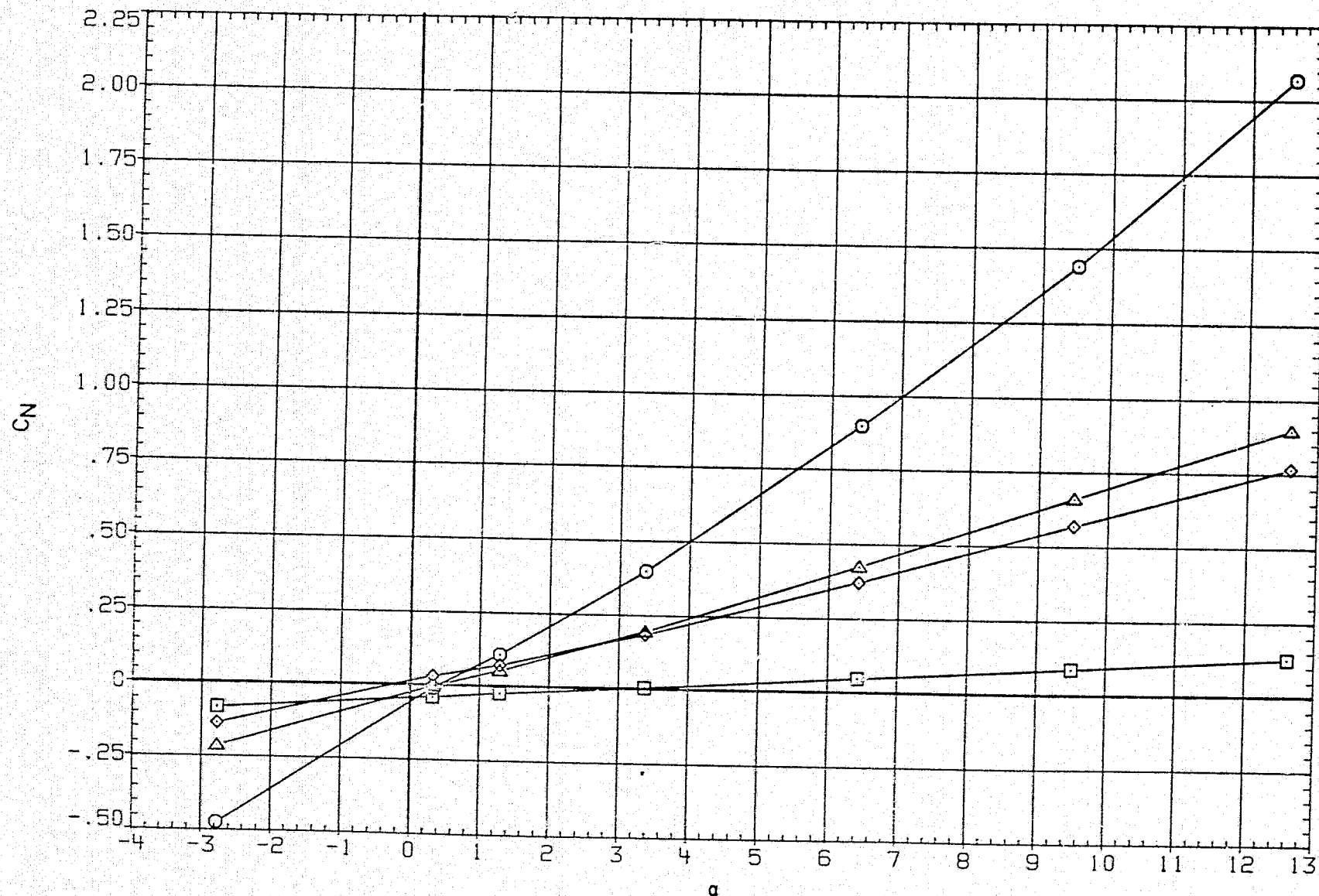


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ281) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.998 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 -3.000 D4 -3.000
△	CNB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

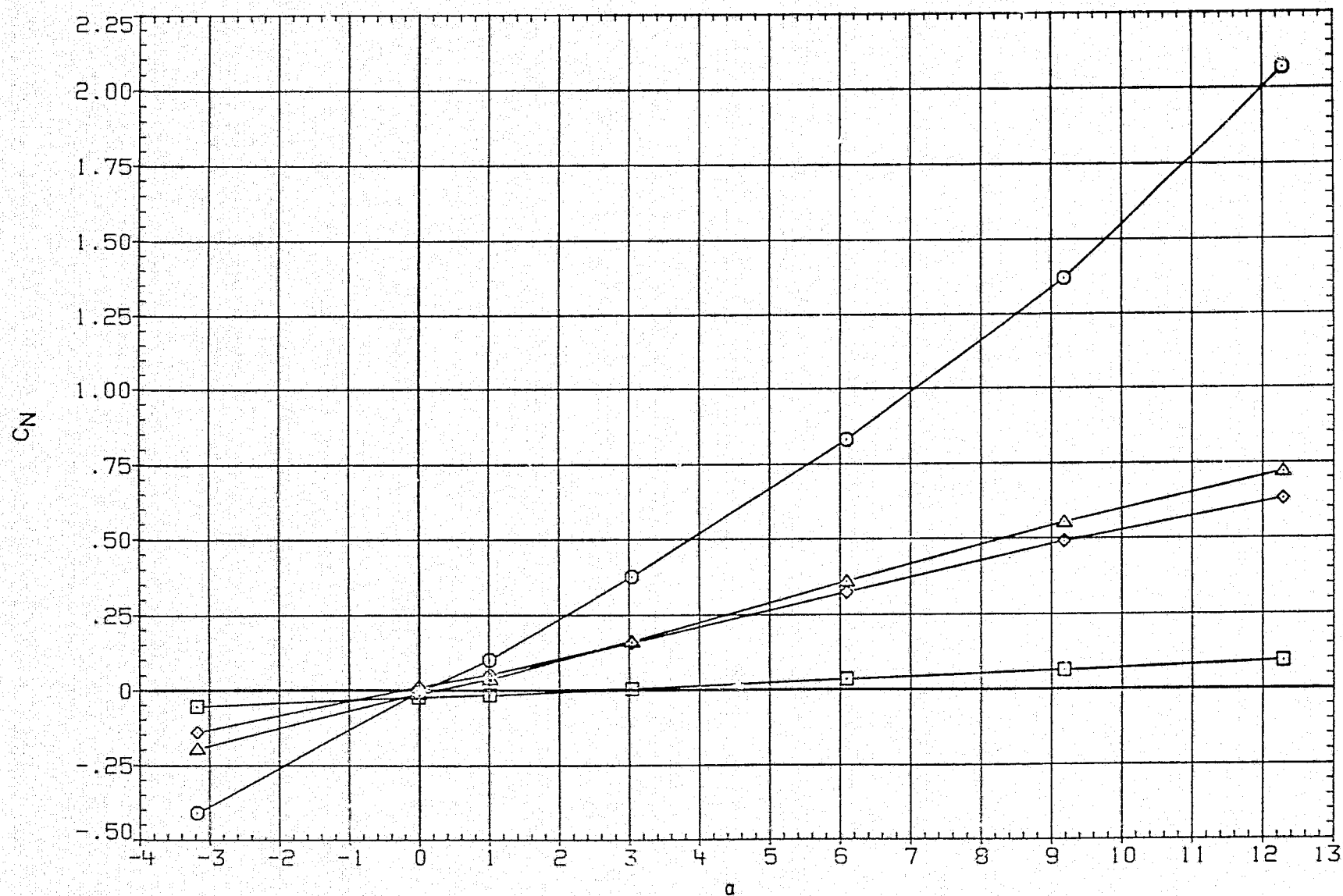


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ281) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.501 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 -3.000 D4 -3.000
△	CMB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

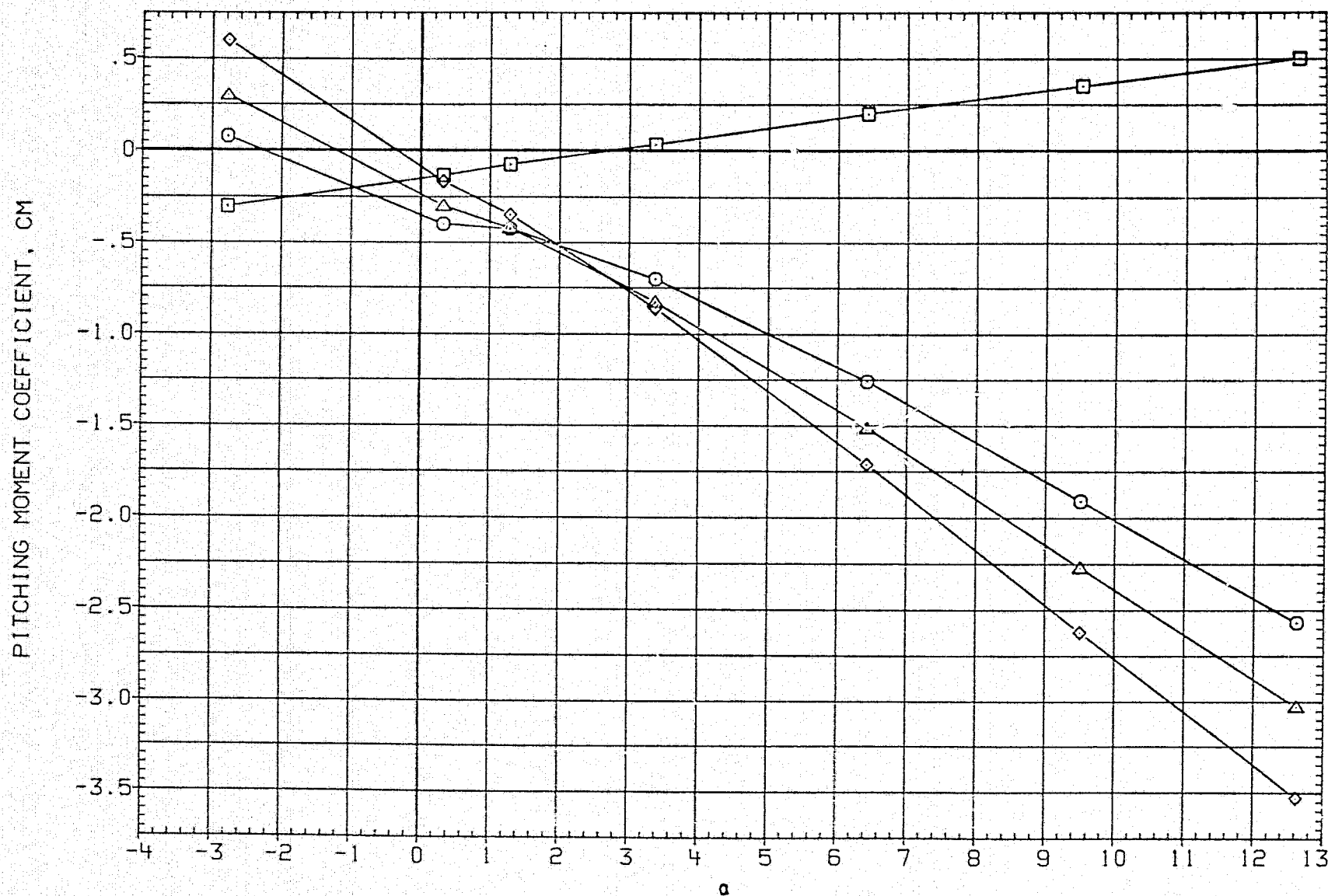


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ281) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.998 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 -3.000 D4 -3.000
△	CMB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

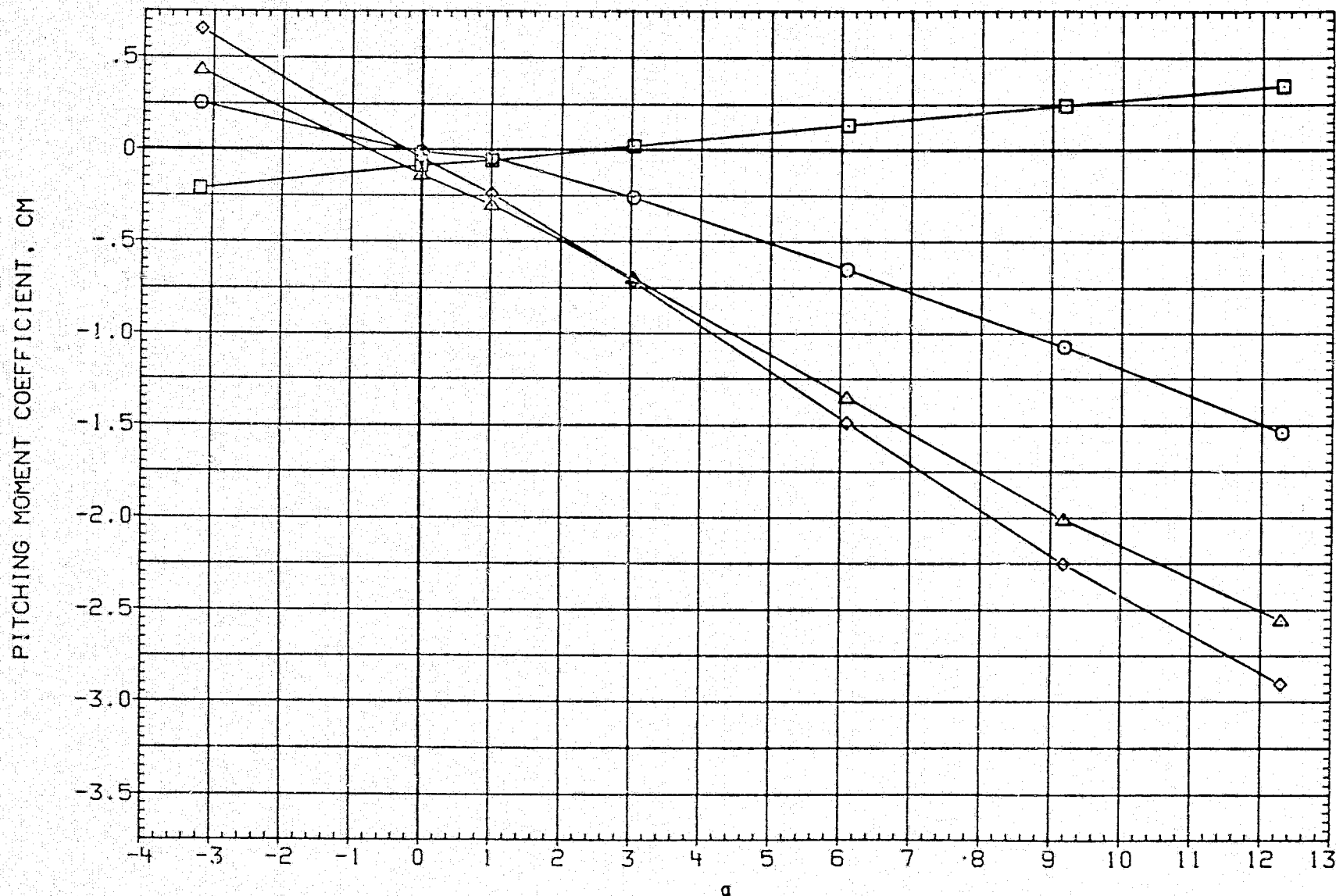


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ281)

SYMBOL

DATA

CONFIGURATION 20 (BN2C3T1)

PARAMETRIC VALUES

MACH	1.501	BETA	.000
D1	.000	D3	.000
D2	-3.000	D4	-3.000
D1-3	.000	D2-4	-3.000
PHI-C	.000	PHI-T	.000

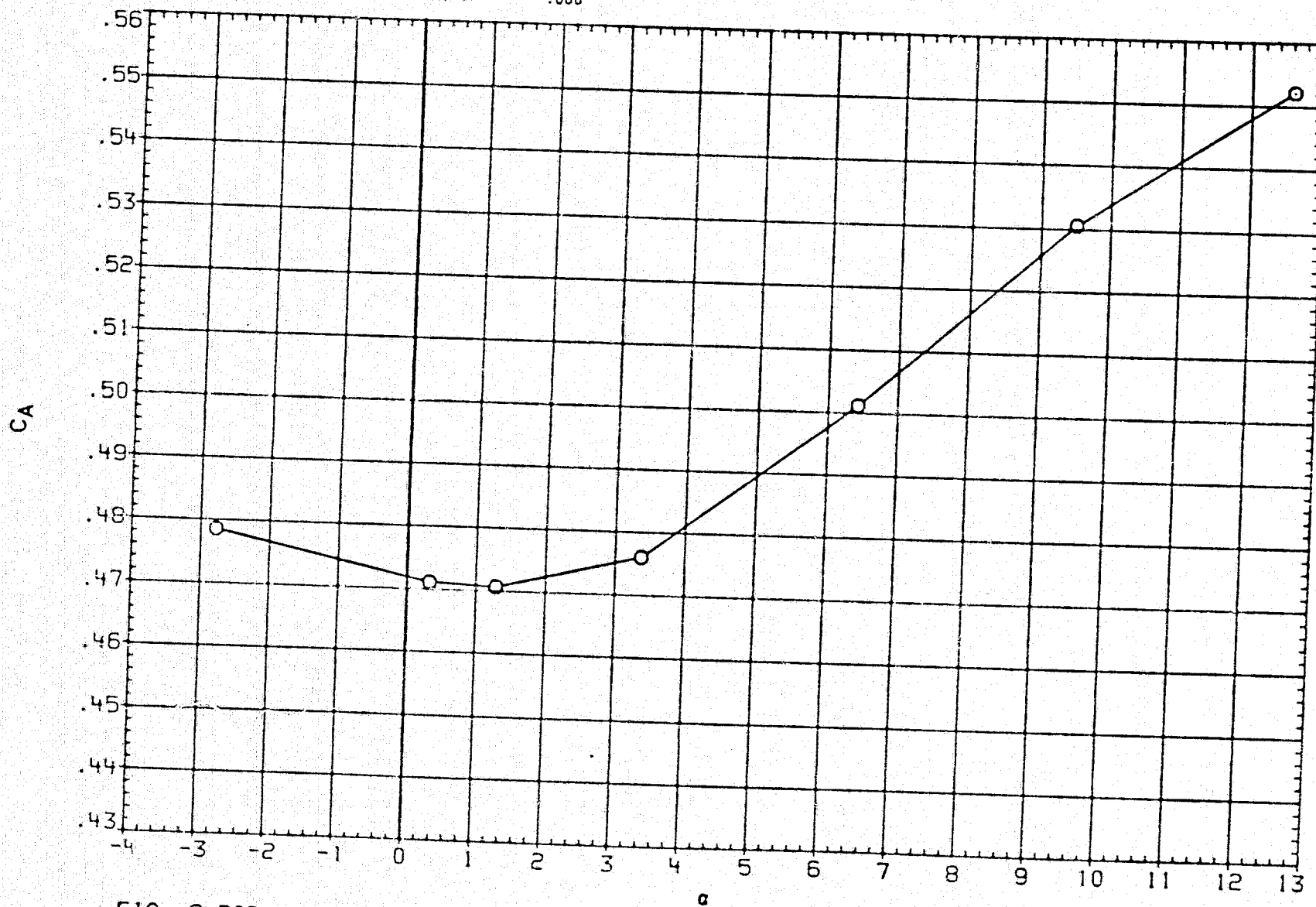


FIG. B BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ281) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.998	BETA	.000
		D1	.000	D3	.000
		D2	-3.000	D4	-3.000
		D1-3	.000	D2-4	-3.000
		PHI-C	.000	PHI-T	.000

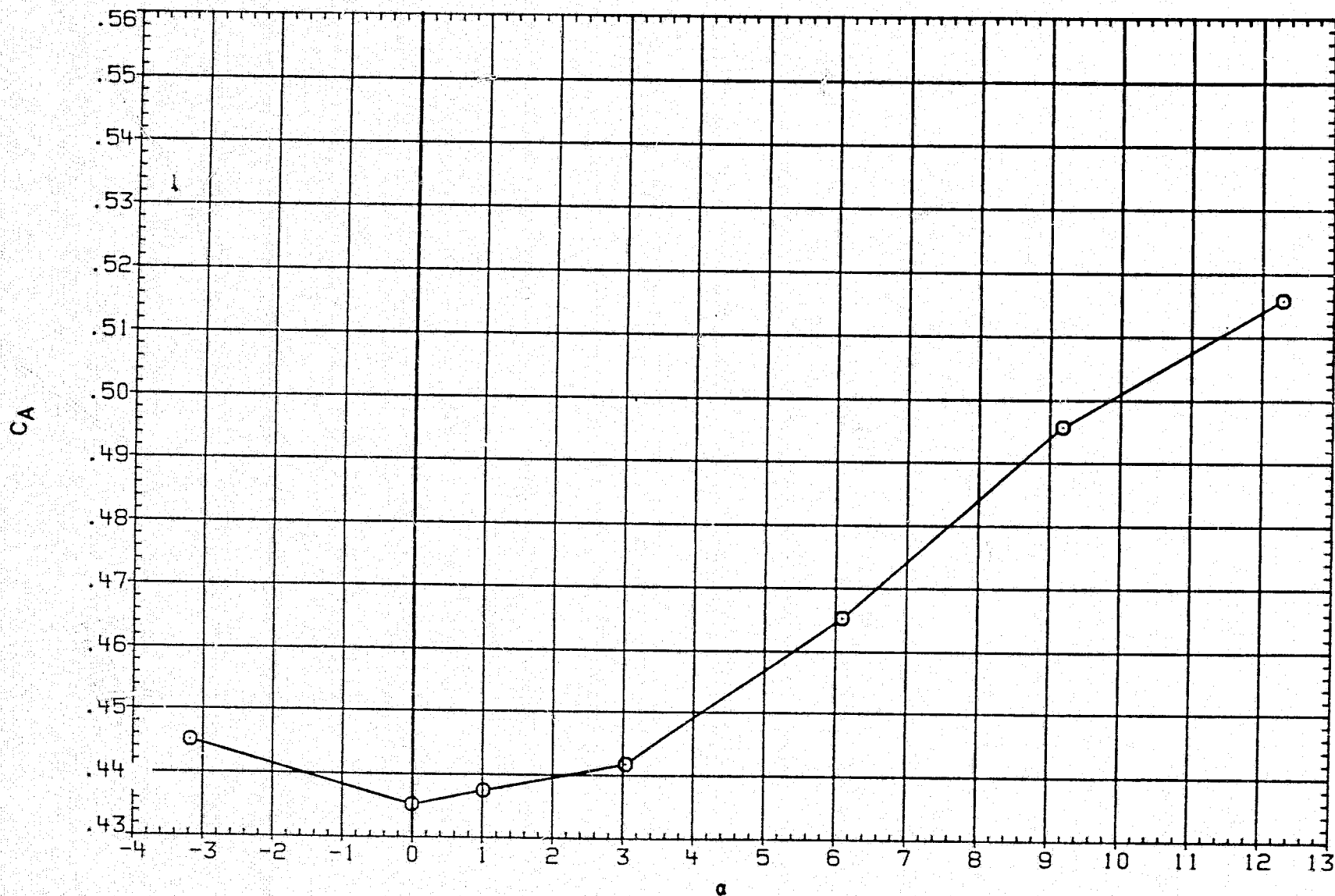


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ281) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.501 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 -3.000 D4 -3.000
△	CYB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

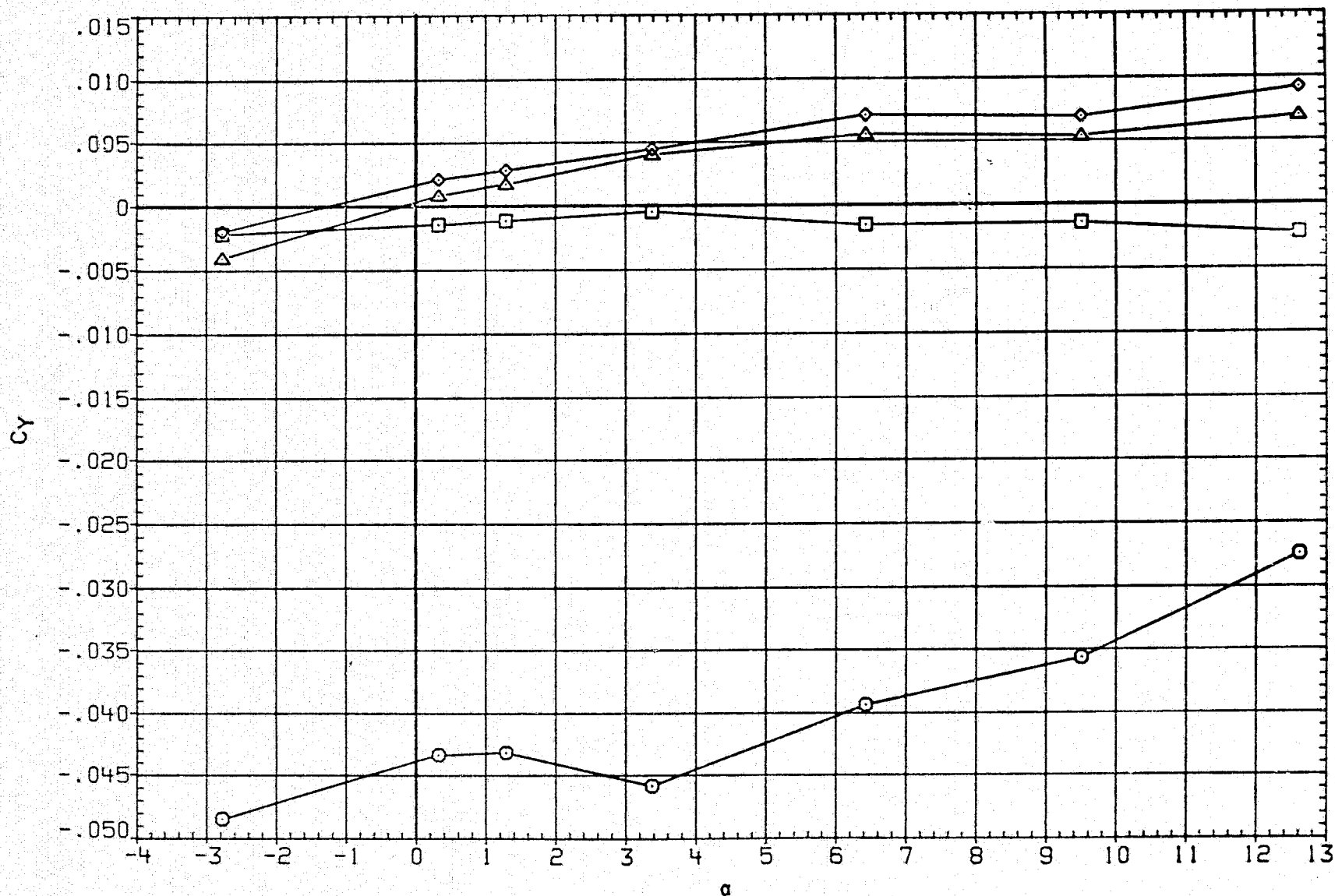


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ281) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CY	MACH	1.999	BETA	.000
□	CYC	D1	.000	D3	.000
◇	CYT	D2	-3.000	D4	-3.000
△	CYB	D1-3	.000	D2-4	-3.000
		PHI-C	.000	PHI-T	.000

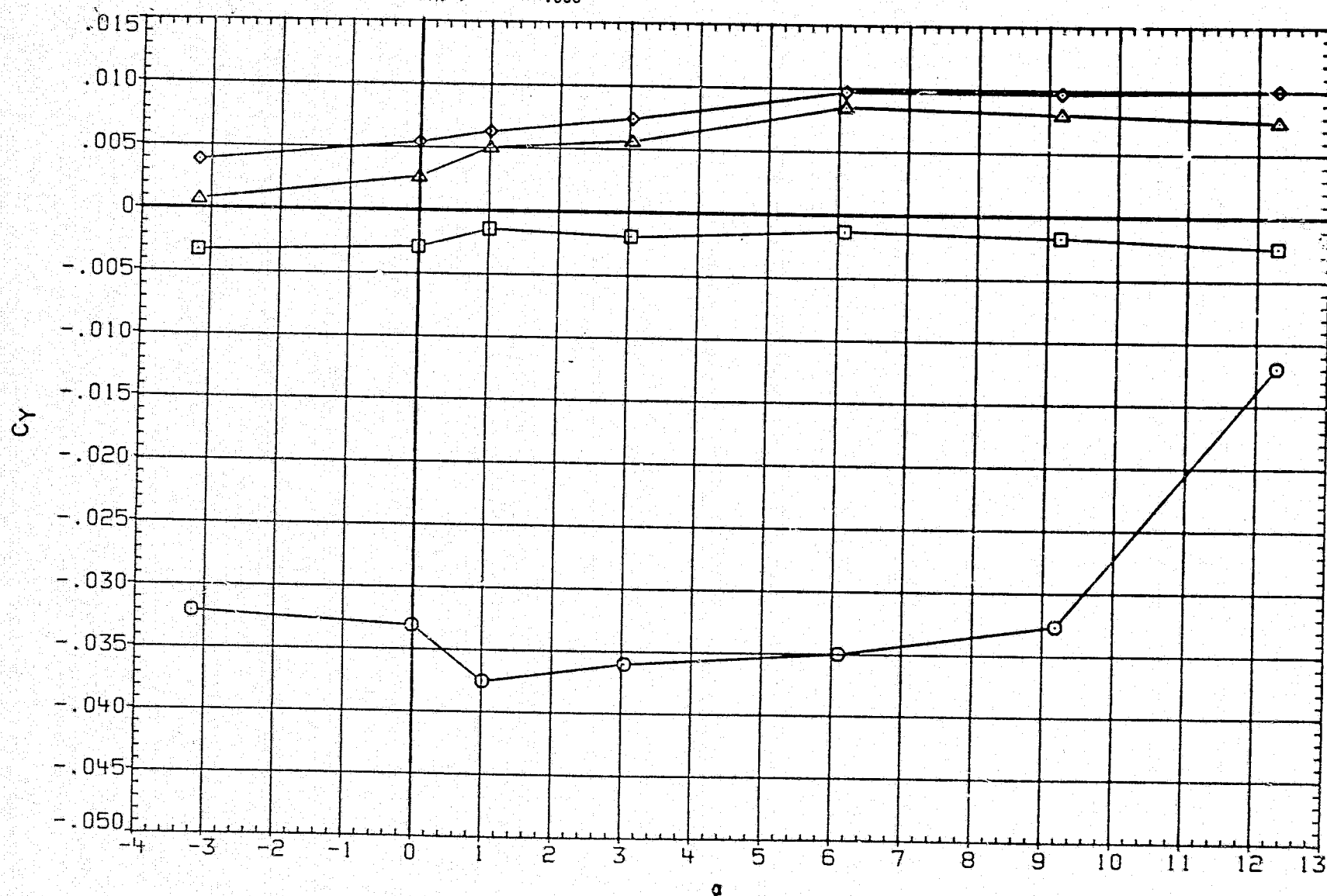


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.501 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 -3.000 D4 -3.000
△	CYMB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

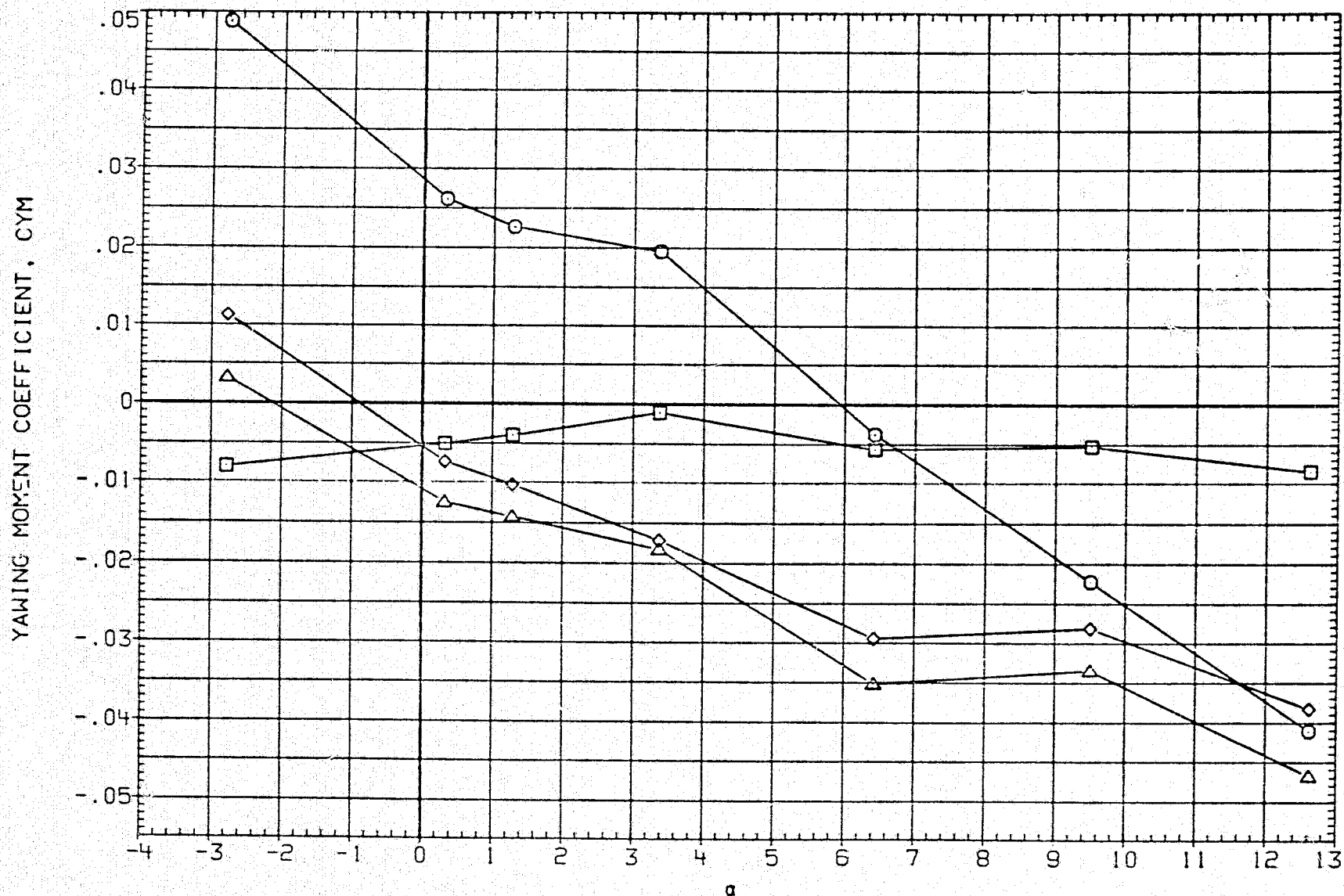


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ281) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.998 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 -3.000 D4 -3.000
△	CYMB	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

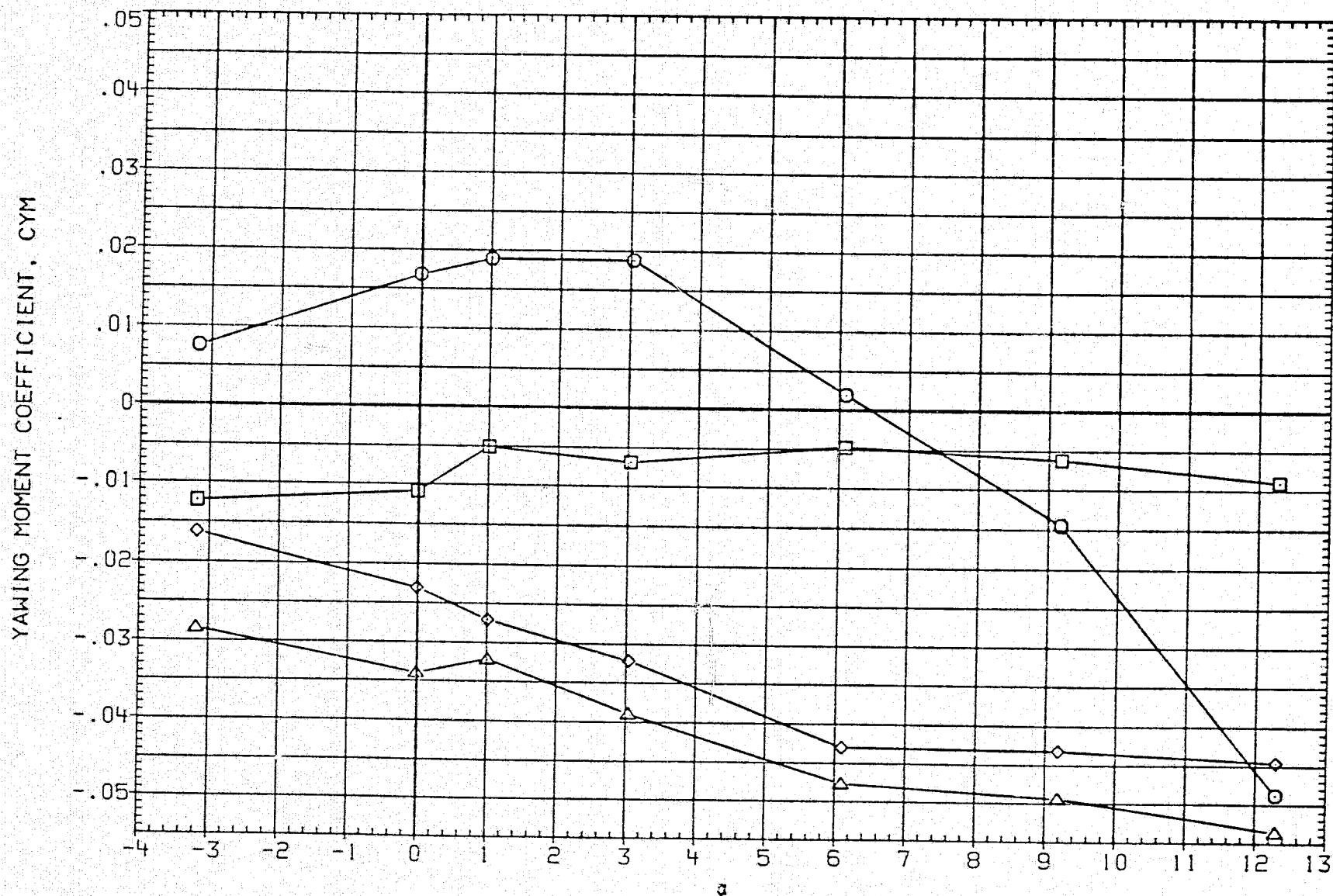


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ281) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
◇	CRM	D1	1.501	D3	.000
□	CRM	D2	.000	D4	.000
◇	CRM	D1-3	-3.000	D2-4	-3.000
△	CRM	PHI-C	.000	PHI-T	.000

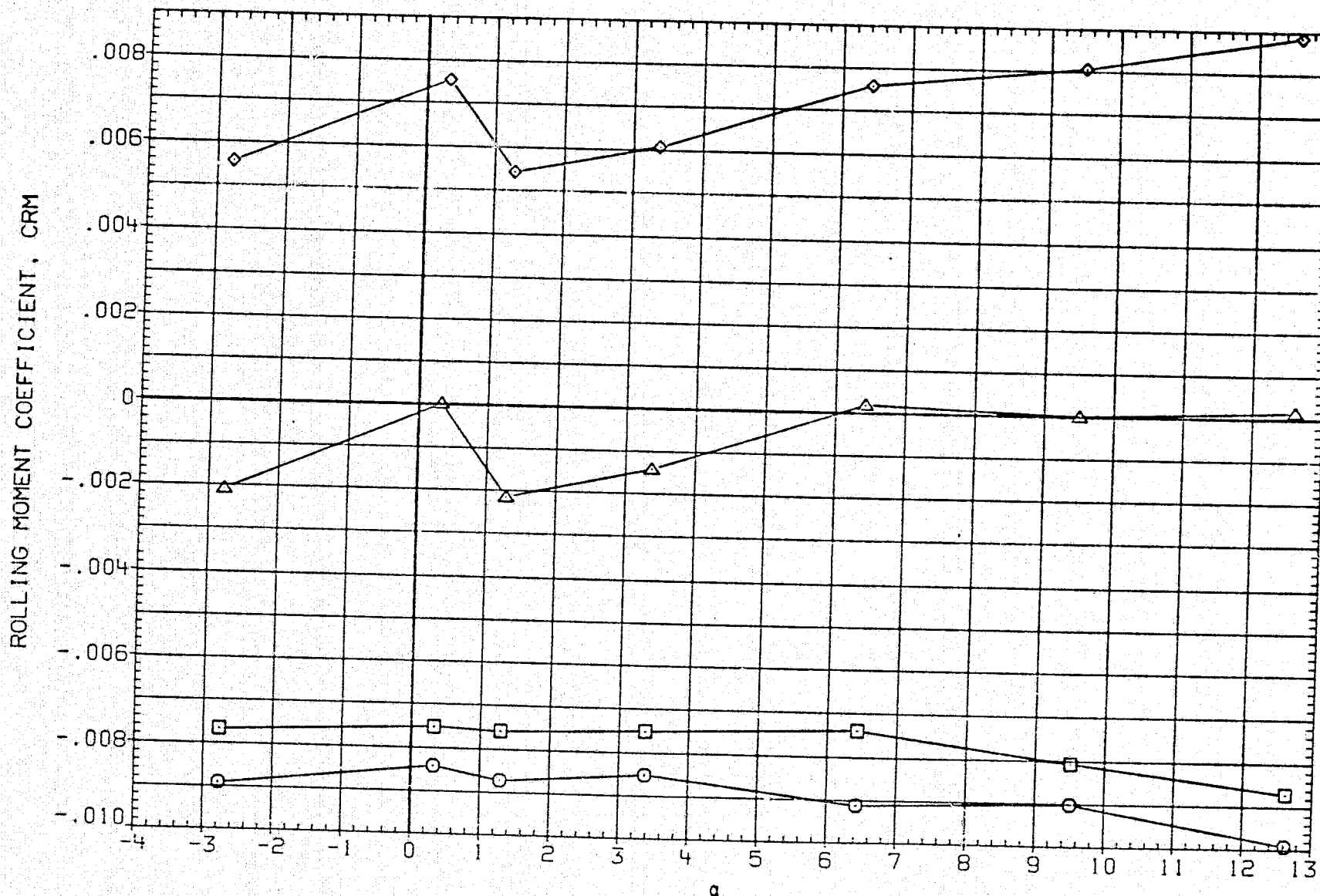


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ281) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.993 BETA .000
□	CRM	D1 .000 D3 .000
◇	CRM	D2 -3.000 D4 -3.000
△	CRM	D1-3 .000 D2-4 -3.000
		PHI-C .000 PHI-T .000

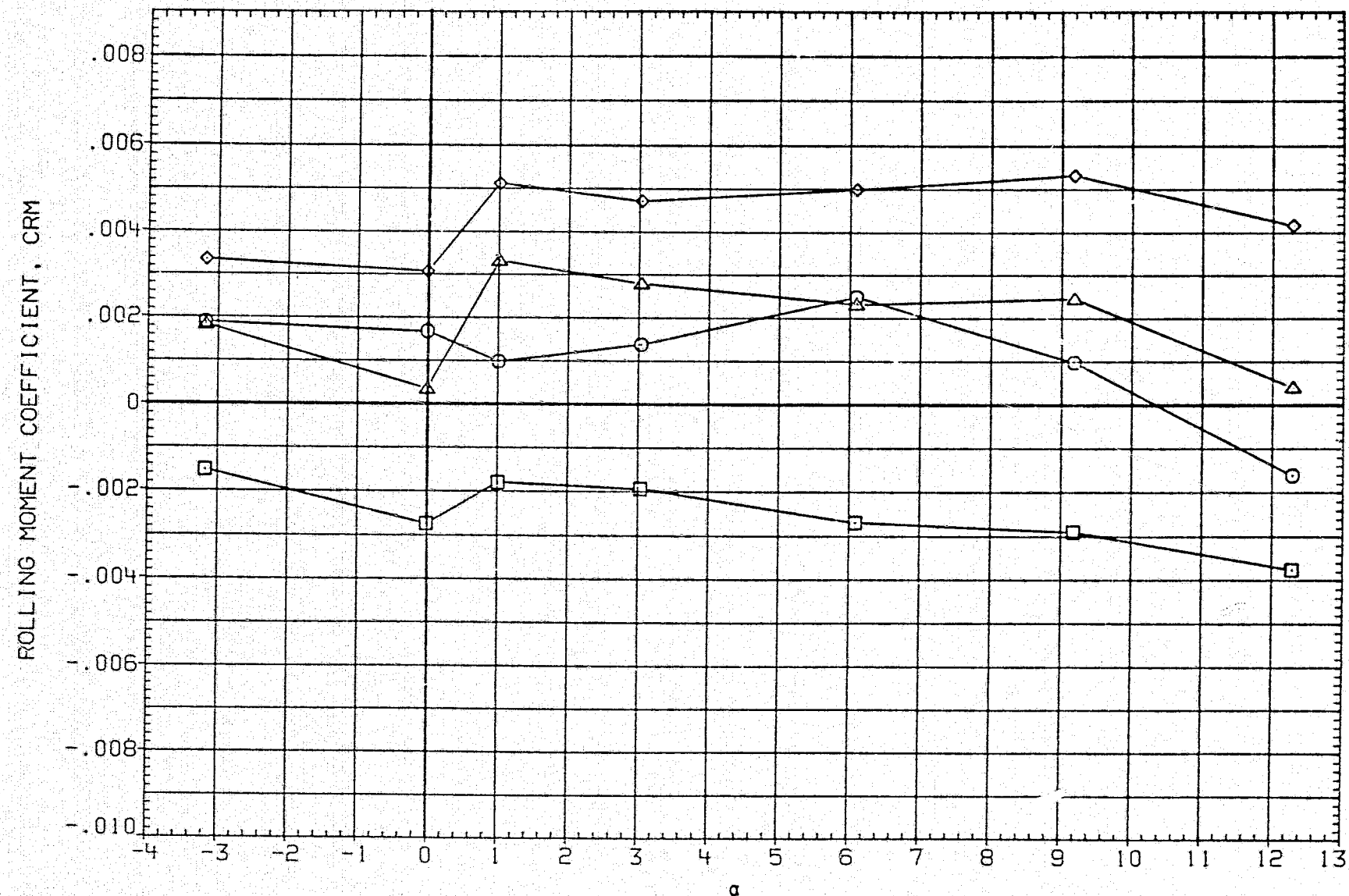


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ282) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.502 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 .000 D4 .000
△	CNB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

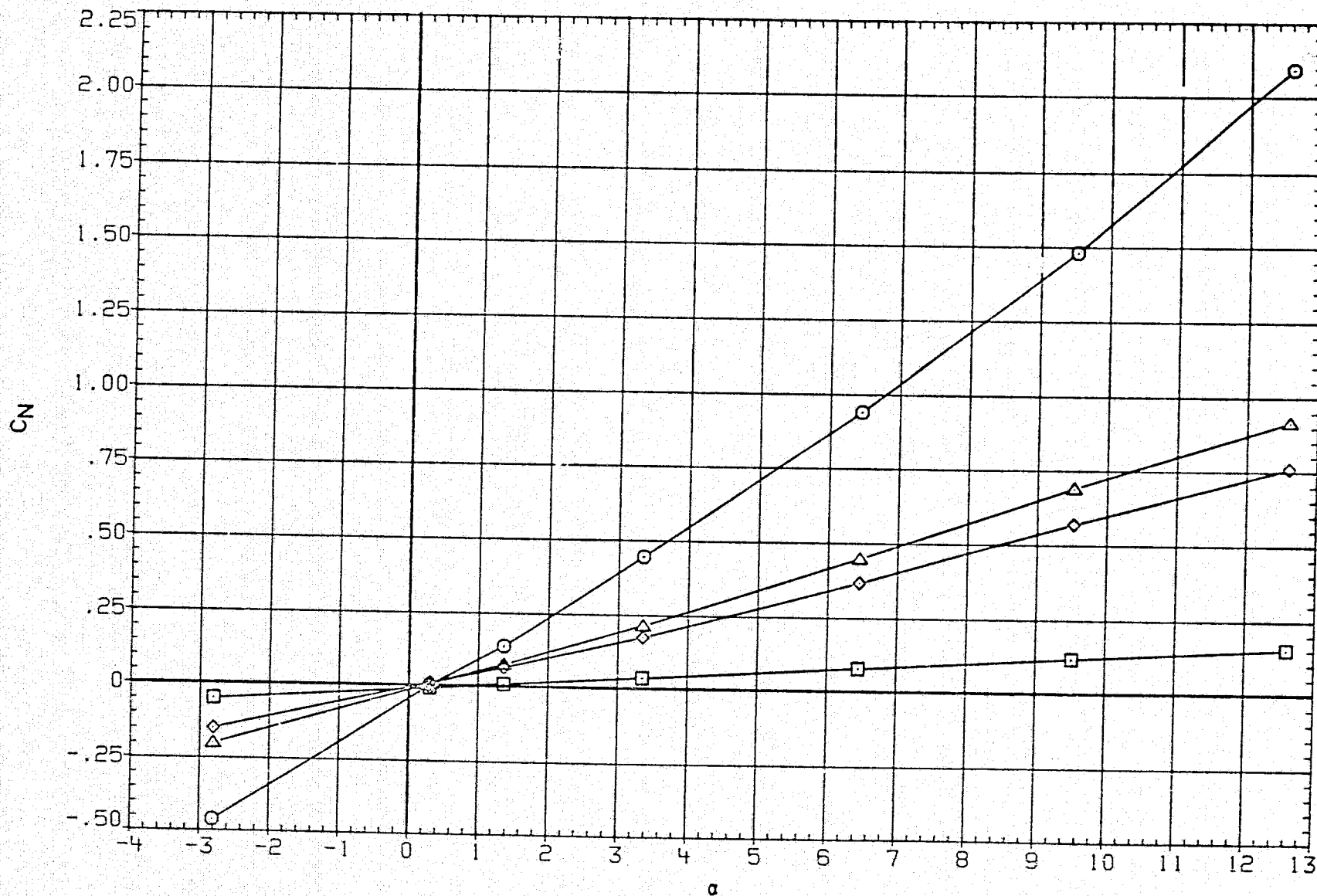


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ282) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.995 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 .000 D4 .000
△	CNB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

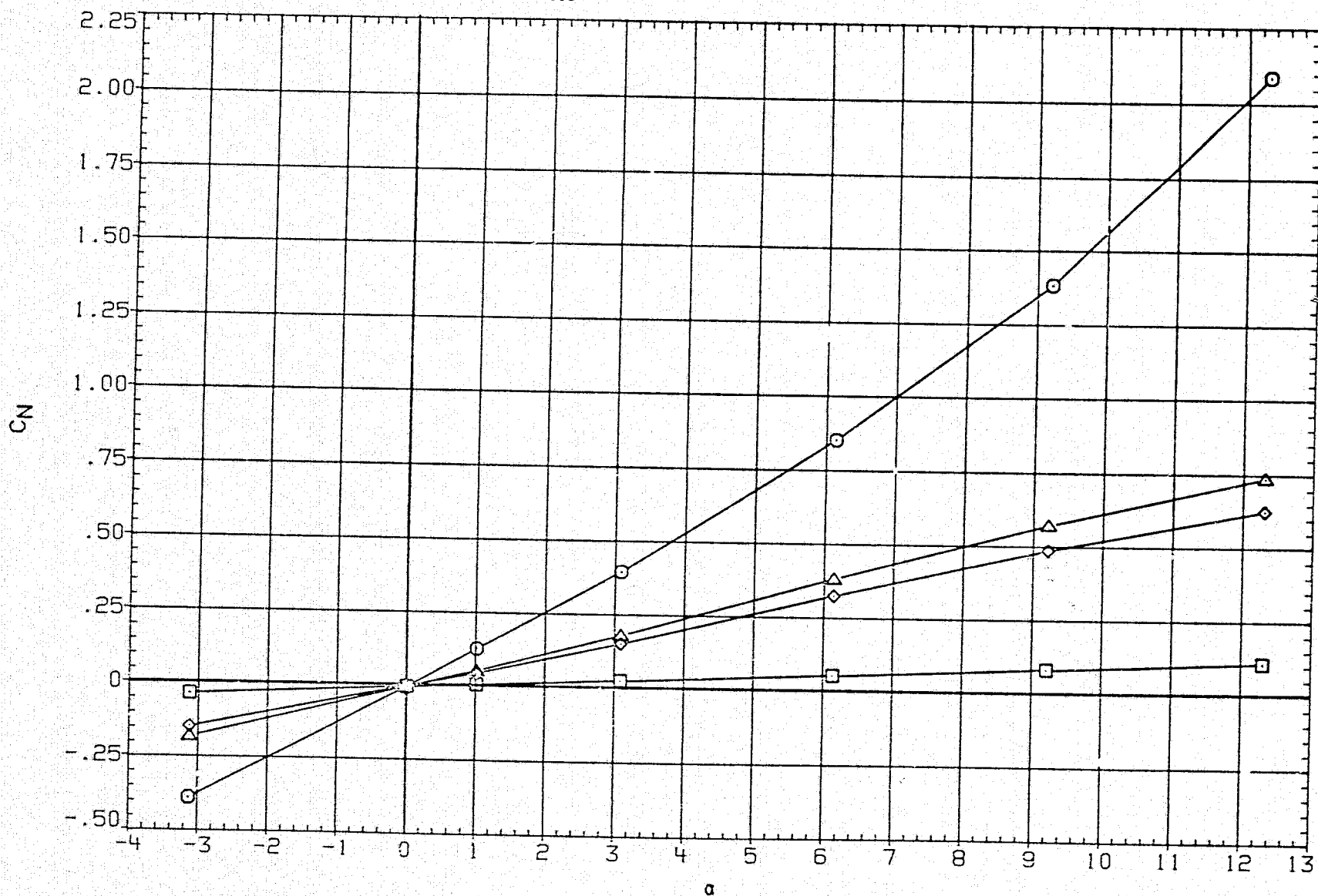


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
CM	D1	1.562	BETA	.000	
CMC	D2	.000	D3	.000	
CMT	D1-3	.000	D4	.000	
CM3	PHI-C	.000	D2-4	.000	
		.000	PHI-T	.000	

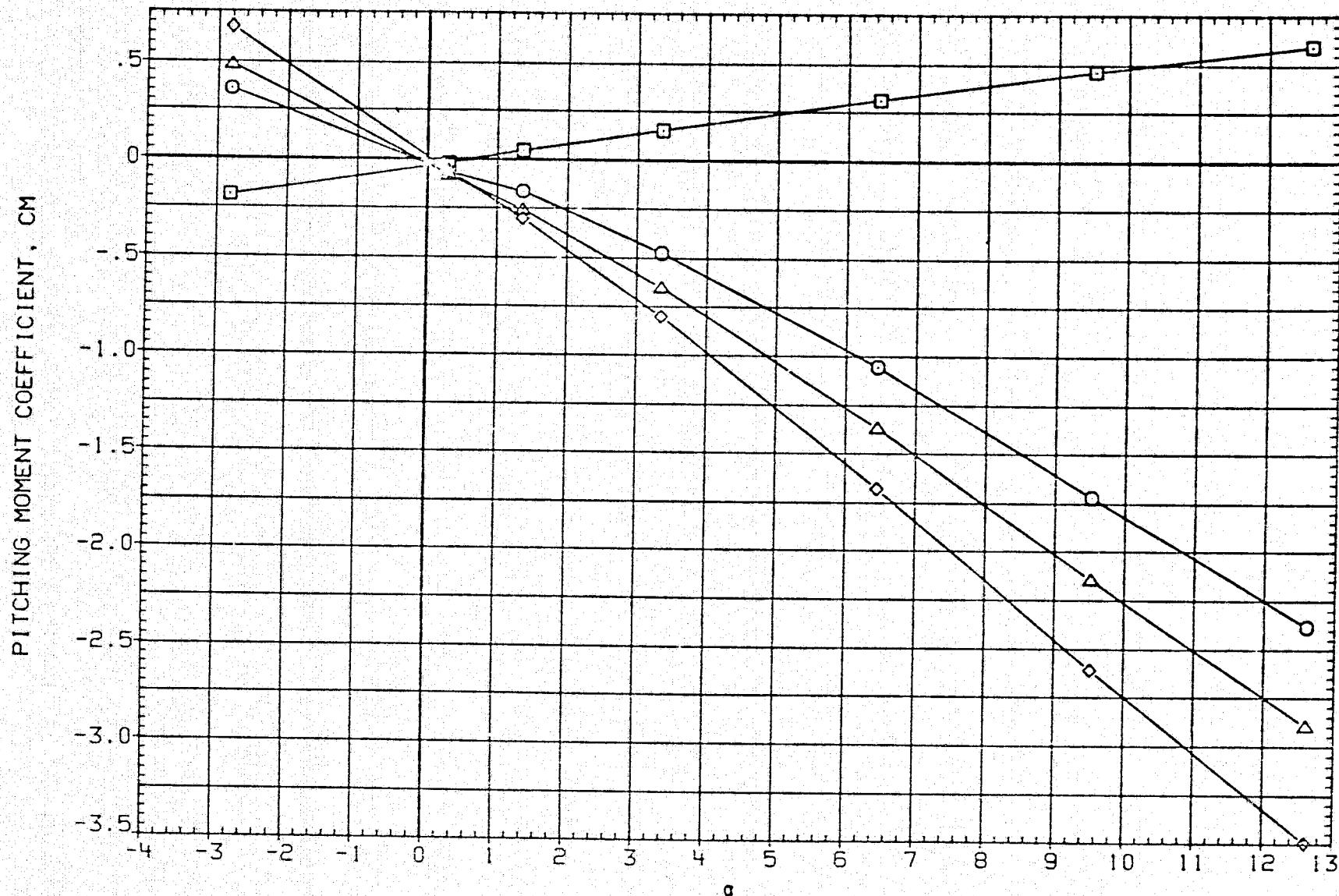


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ282) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.995 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 .000 D4 .000
△	CHB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

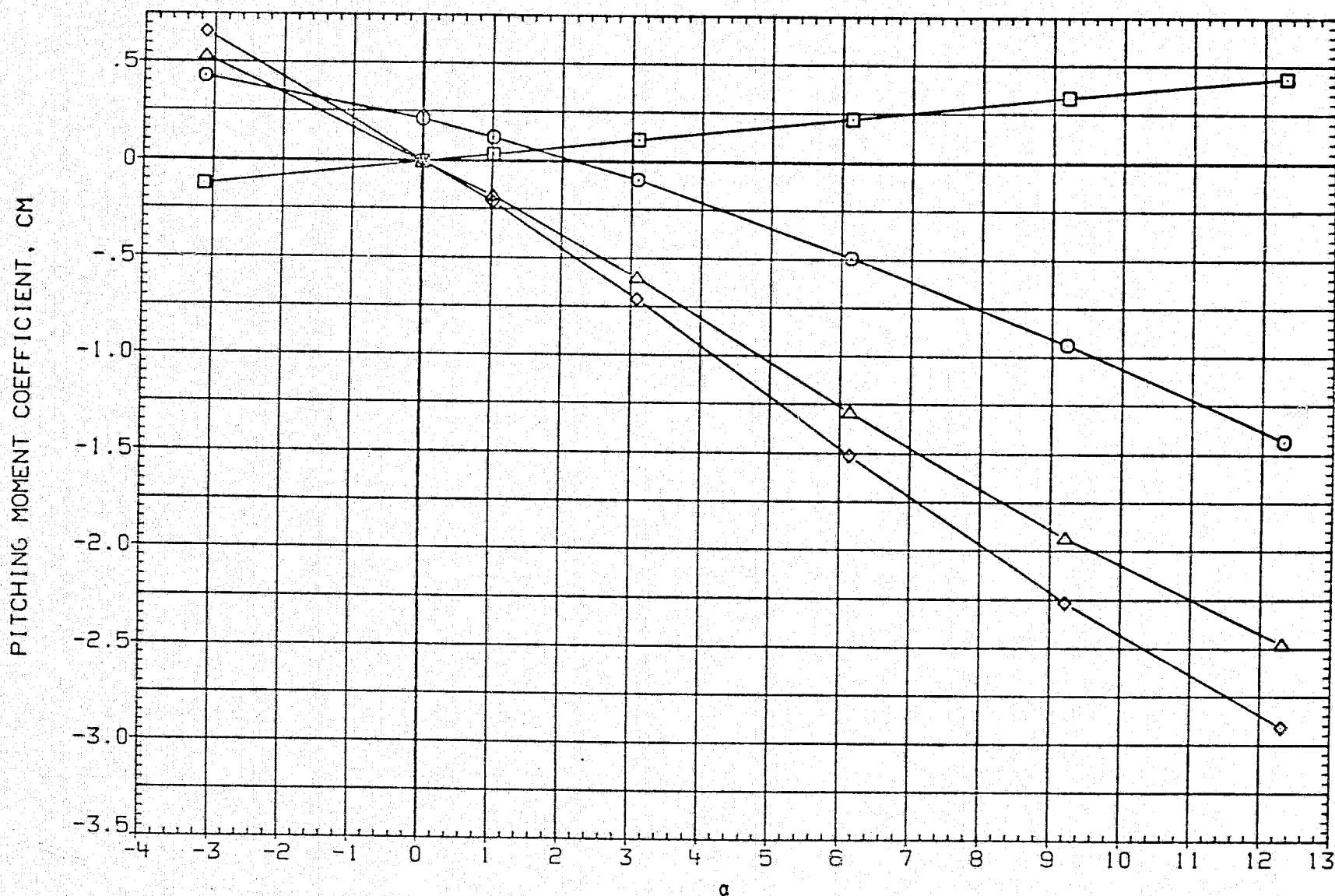


FIG. 3 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ282) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.502	BETA	.000
		D1	.000	D3	.000
		D2	.000	D4	.000
		D1-3	.000	D2-4	.000
		PHI-C	.000	PHI-T	.000

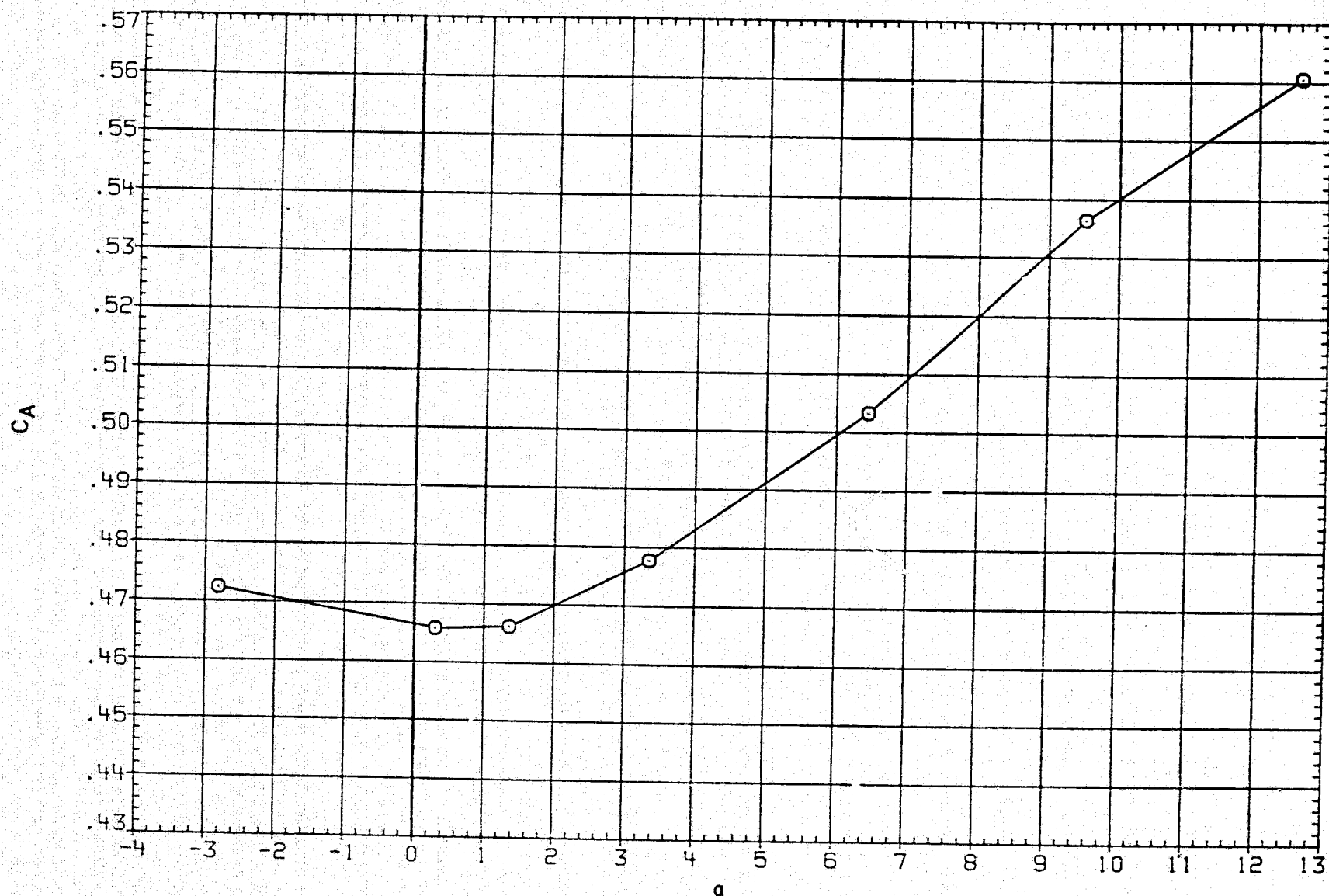


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ282) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.995	BETA	.000
		D1	.000	D3	.000
		D2	.000	D4	.000
		D1-3	.000	D2-4	.000
		PHI-C	.000	PHI-T	.000

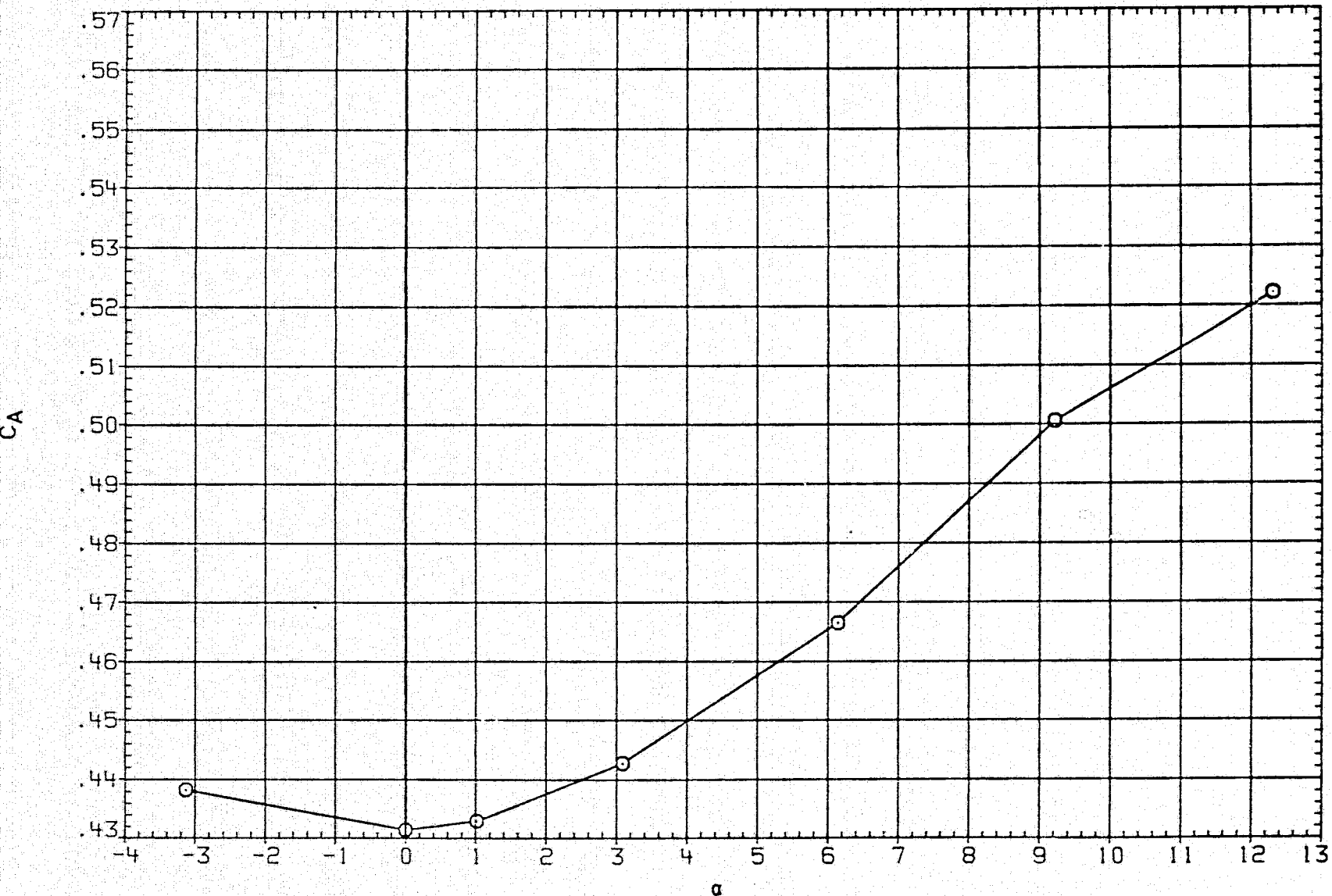


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ282) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.502 BETA .000
◇	CYC	D1 .000 D3 .000
□	CYT	D2 .000 D4 .000
△	CYB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

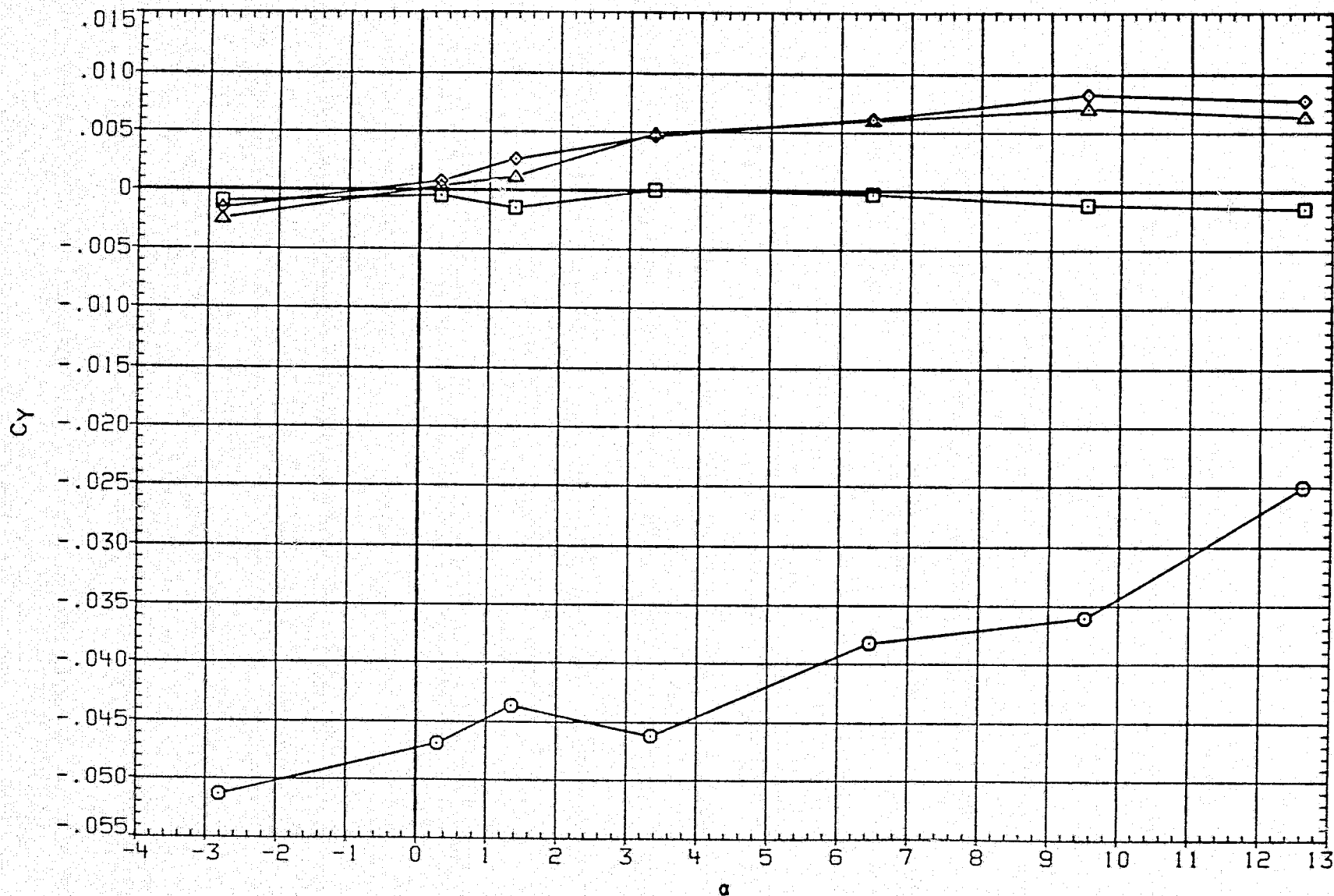


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ282) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 .000 D4 .000
△	CYB	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000

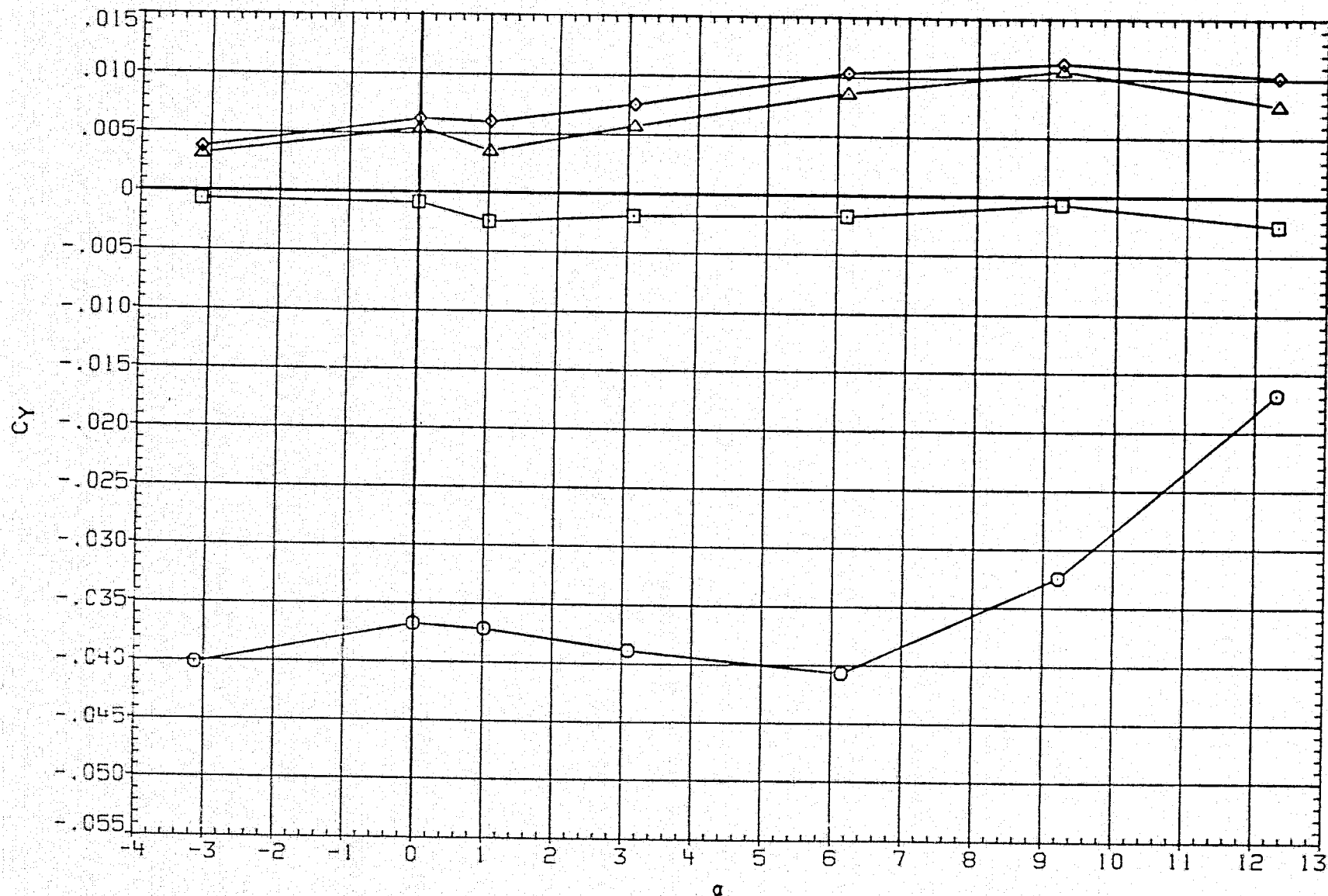


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ282) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CYM	MACH	1.502	BETA	.000
□	CYMC	D1	.000	D3	.000
◇	CYMT	D2	.000	D4	.000
△	CYMU	D1-3	.000	D2-4	.000
		PHI-C	.000	PHI-T	.000

YAWING MOMENT COEFFICIENT, CYM

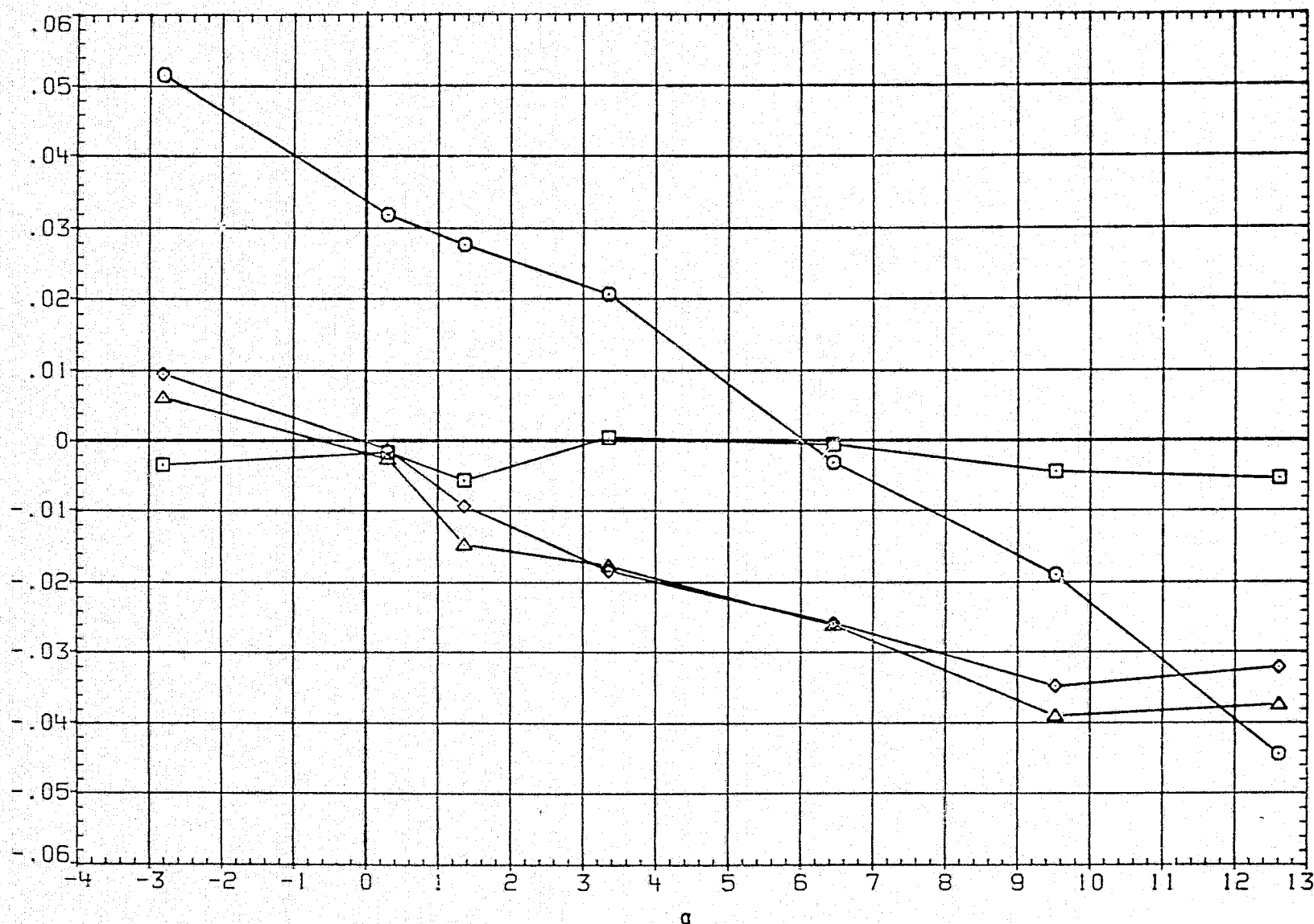


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ282) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.935 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 .000 D4 .000
△	CYMB	D1-3 .000 D2-4 .000
	PHI-C	.000 PHI-T .000

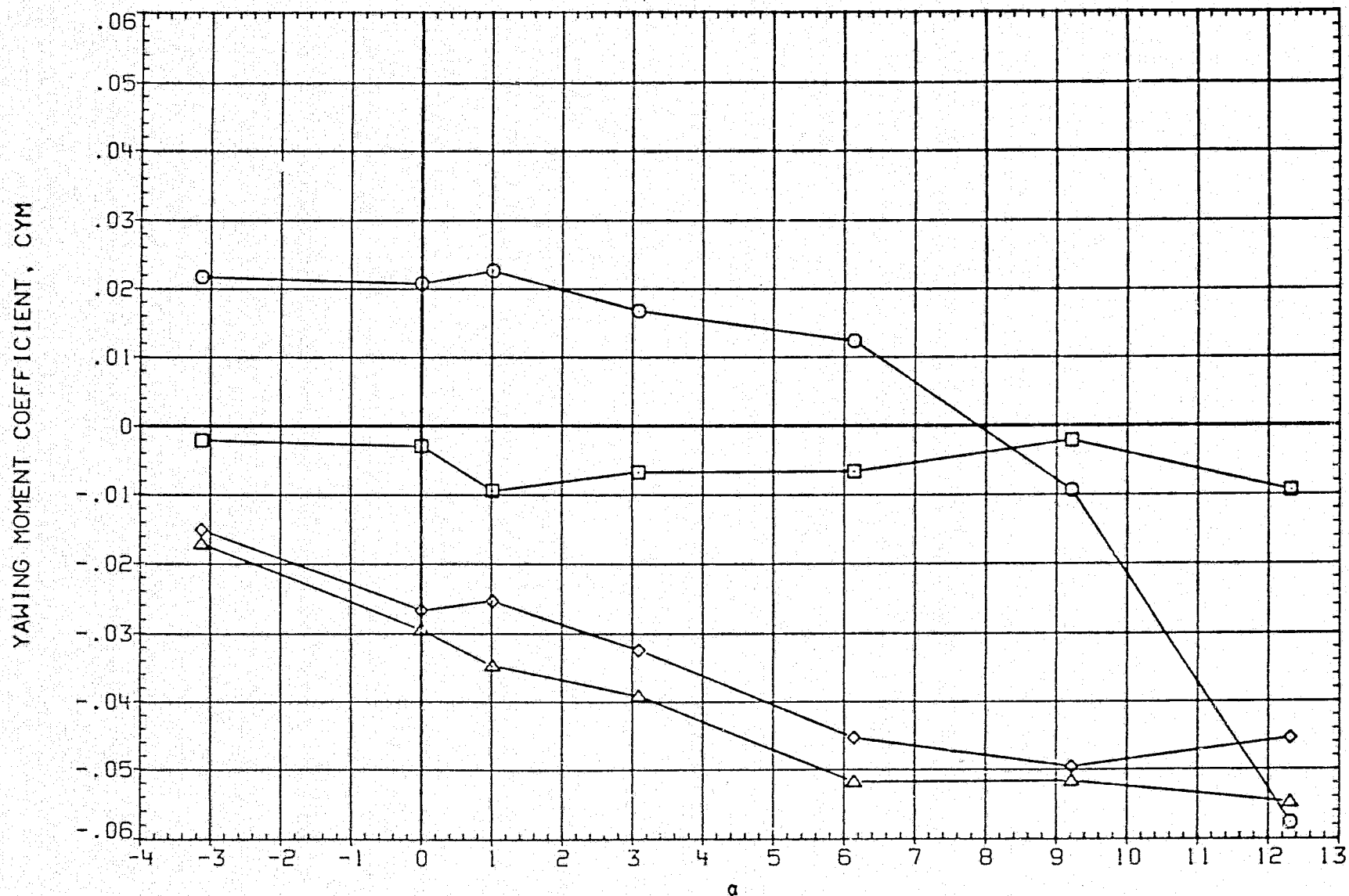


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ282) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	MACH	PARAMETRIC	VALUES	
○	CRM	1.502	BETA	.000	
□	CRM C	.000	D3	.000	
◇	CRM T	.000	D4	.000	
△	CRM B	.000	D2-4	.000	
		PHI-C	PHI-T	.000	

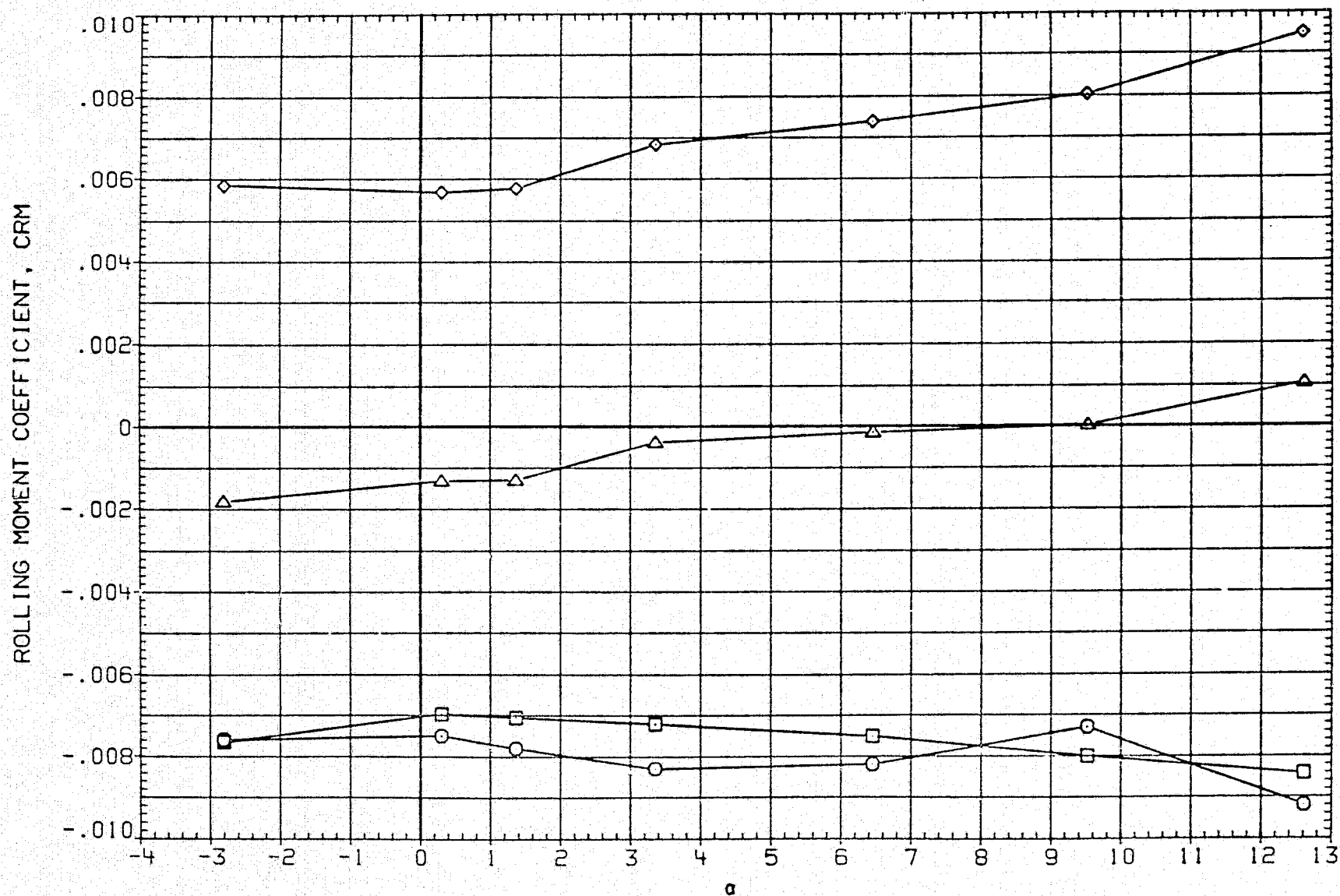
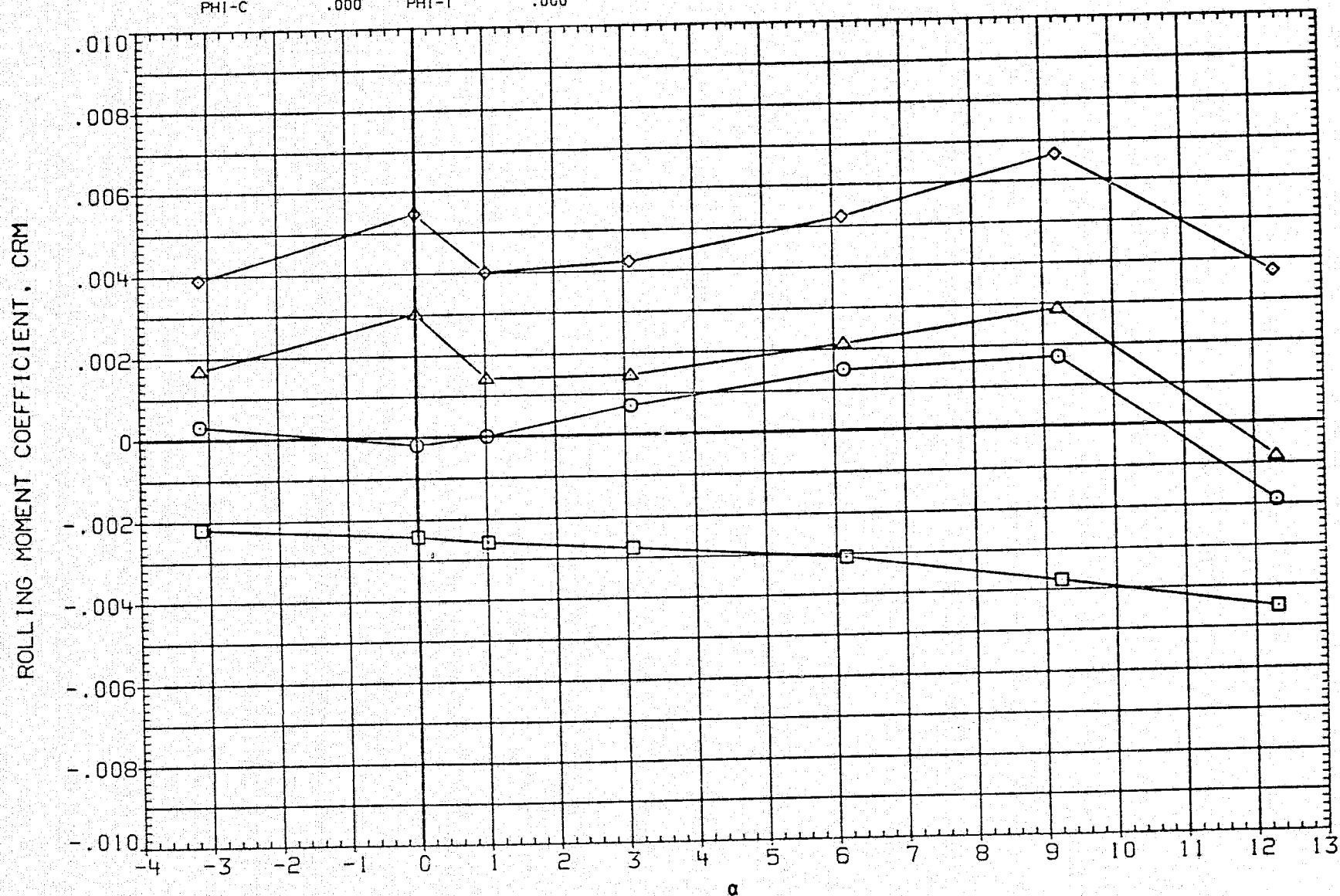


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ282)

CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CRM	MACH 1.995 BETA .000
□	CRM C	D1 .000 D3 .000
○	CRM T	D2 .000 D4 .000
△	CRM B	D1-3 .000 D2-4 .000
		PHI-C .000 PHI-T .000



F 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.499 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 1.000 D4 1.000
△	CNB	D1-3 1.000 D2-4 1.000
		PHI-C .000 PHI-T .000

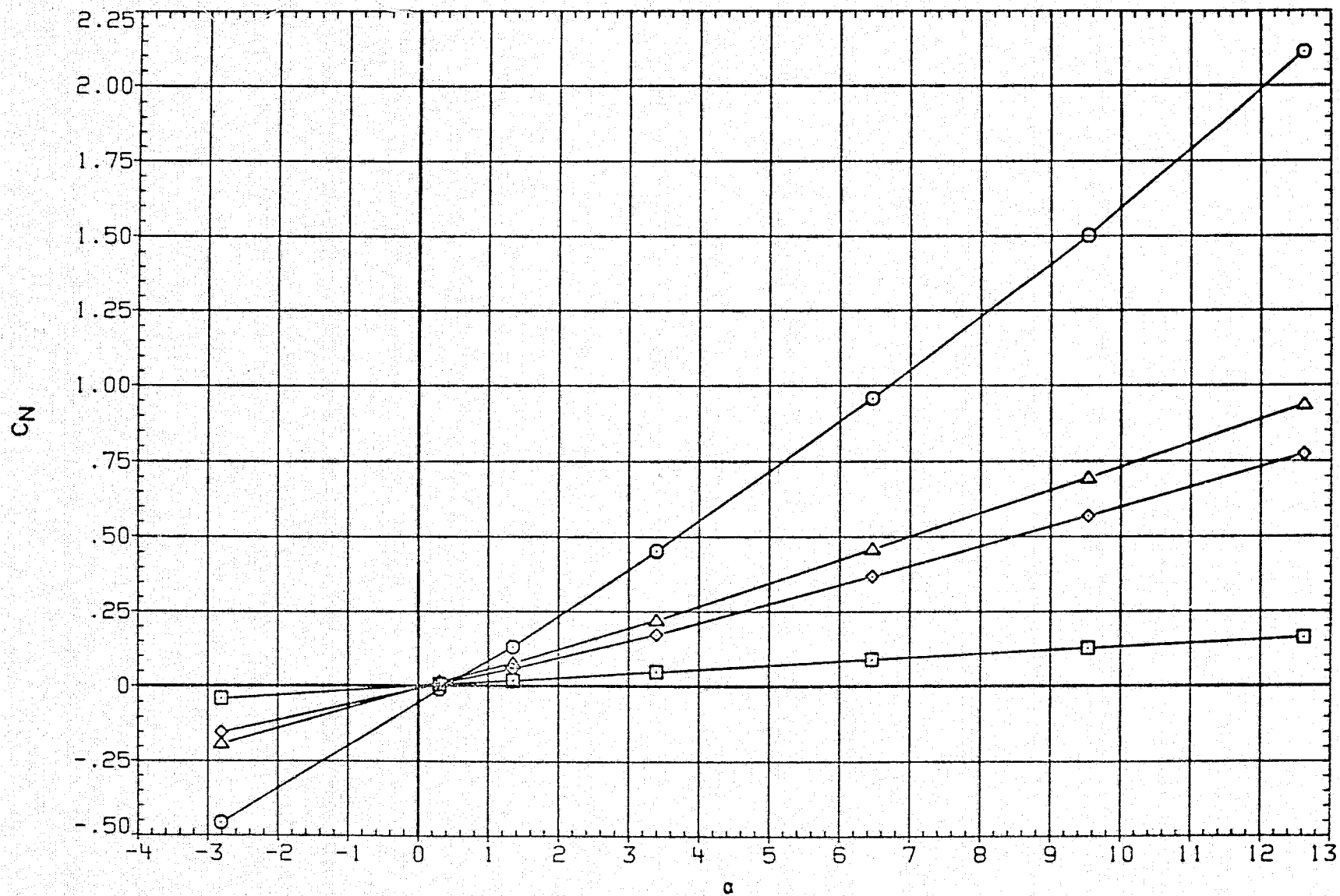


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.995 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 1.000 D4 1.000
△	CNB	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

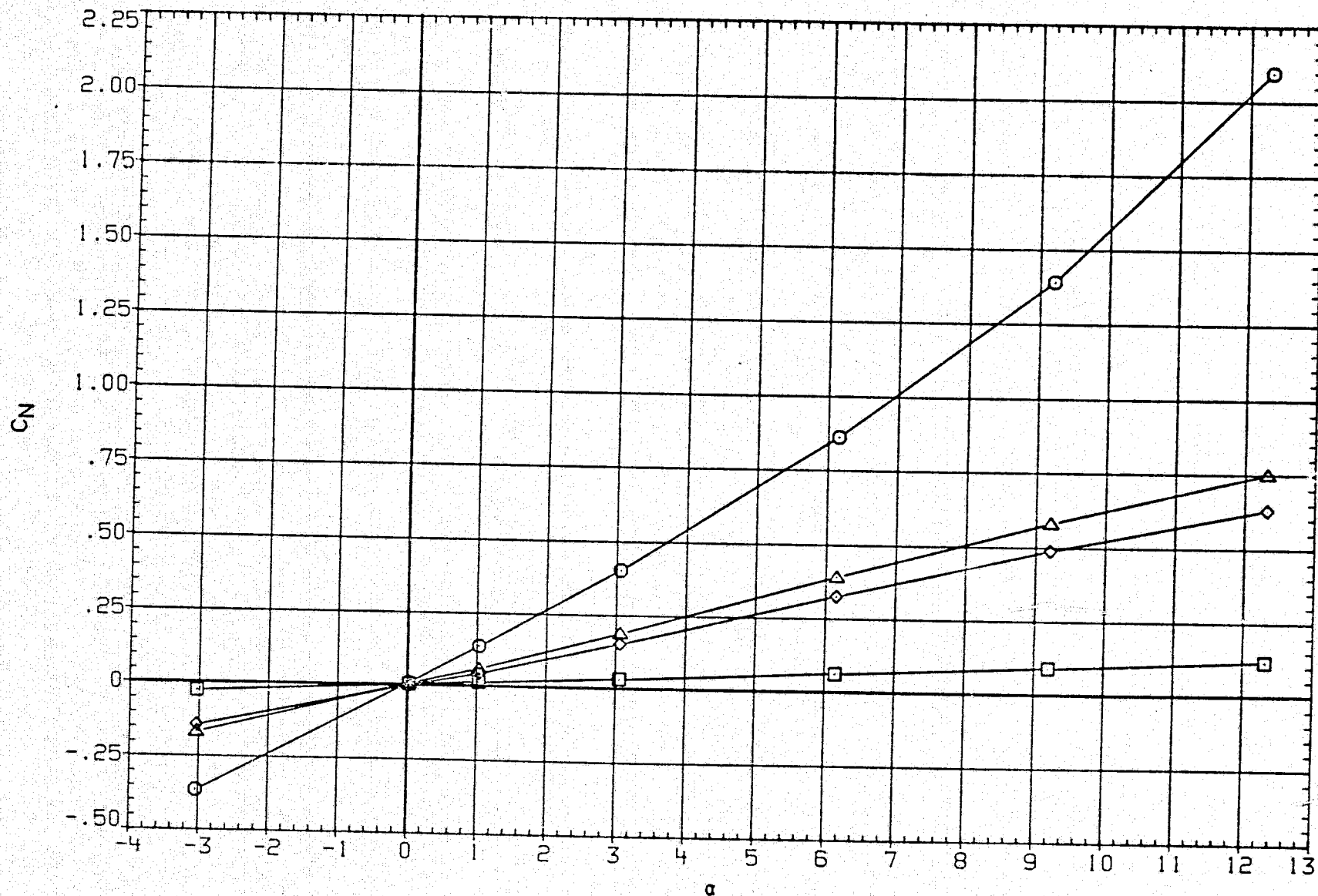


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
□	CM	MACH 1.499 BETA .000
◇	CMC	D1 .000 D3 .000
△	CMT	D2 1.000 D4 1.000
◇	CMB	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

PITCHING MOMENT COEFFICIENT, CM

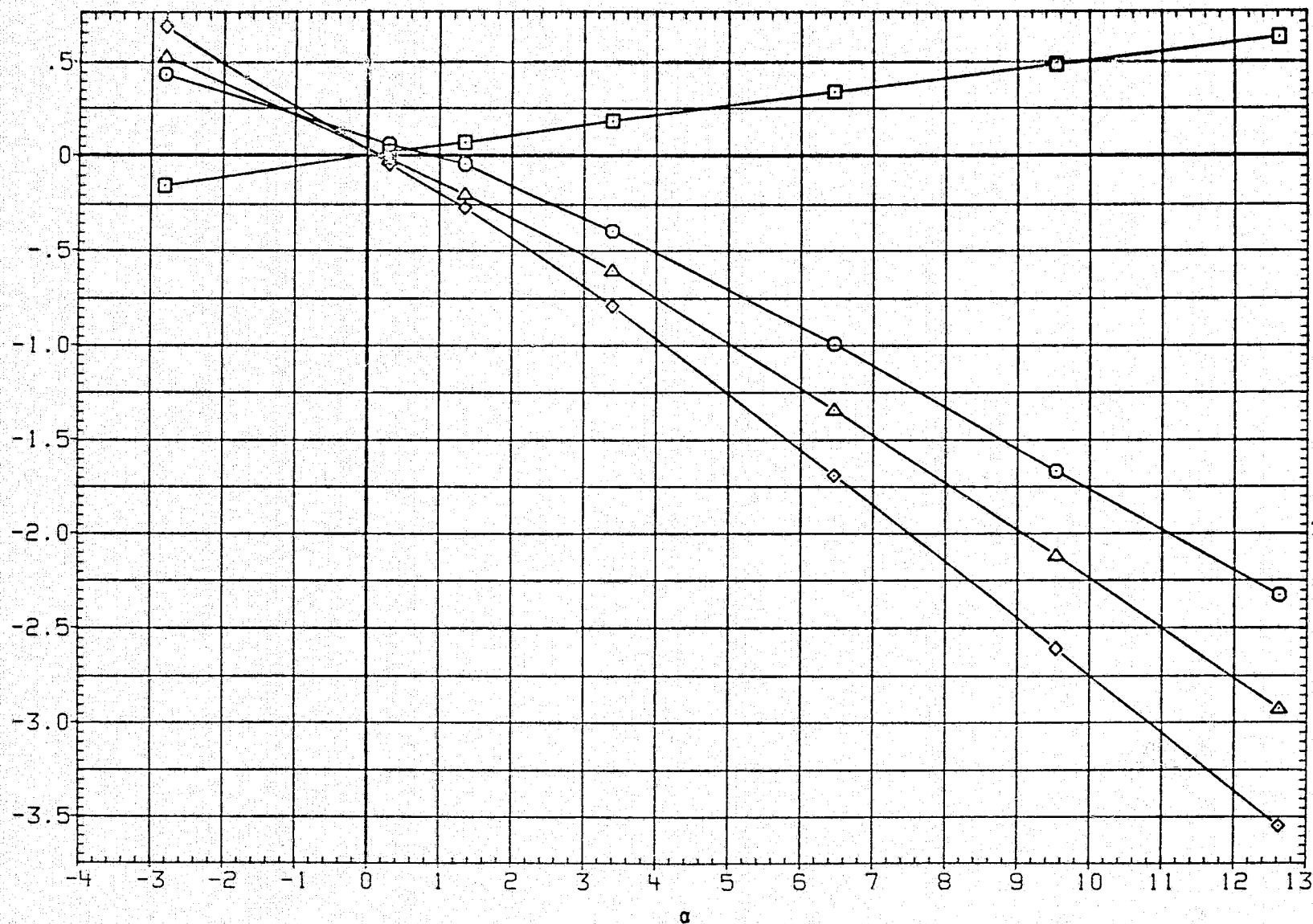


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.995 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 1.000 D4 1.000
△	CMB	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

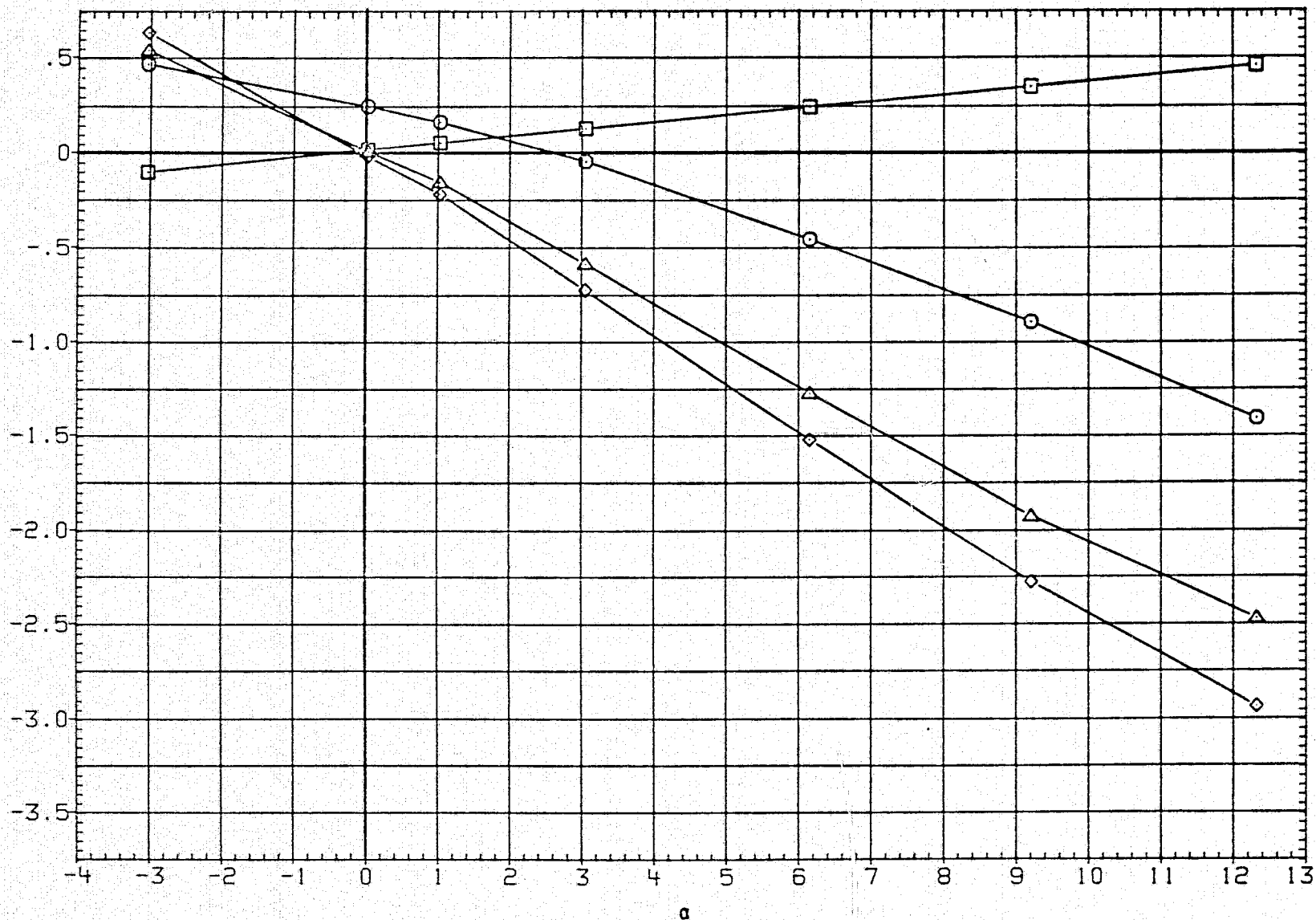


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.499	BETA	.000
		D1	.000	D3	.000
		D2	1.000	D4	1.000
		D1-3	.000	D2-4	1.000
		PHI-C	.000	PHI-T	.000

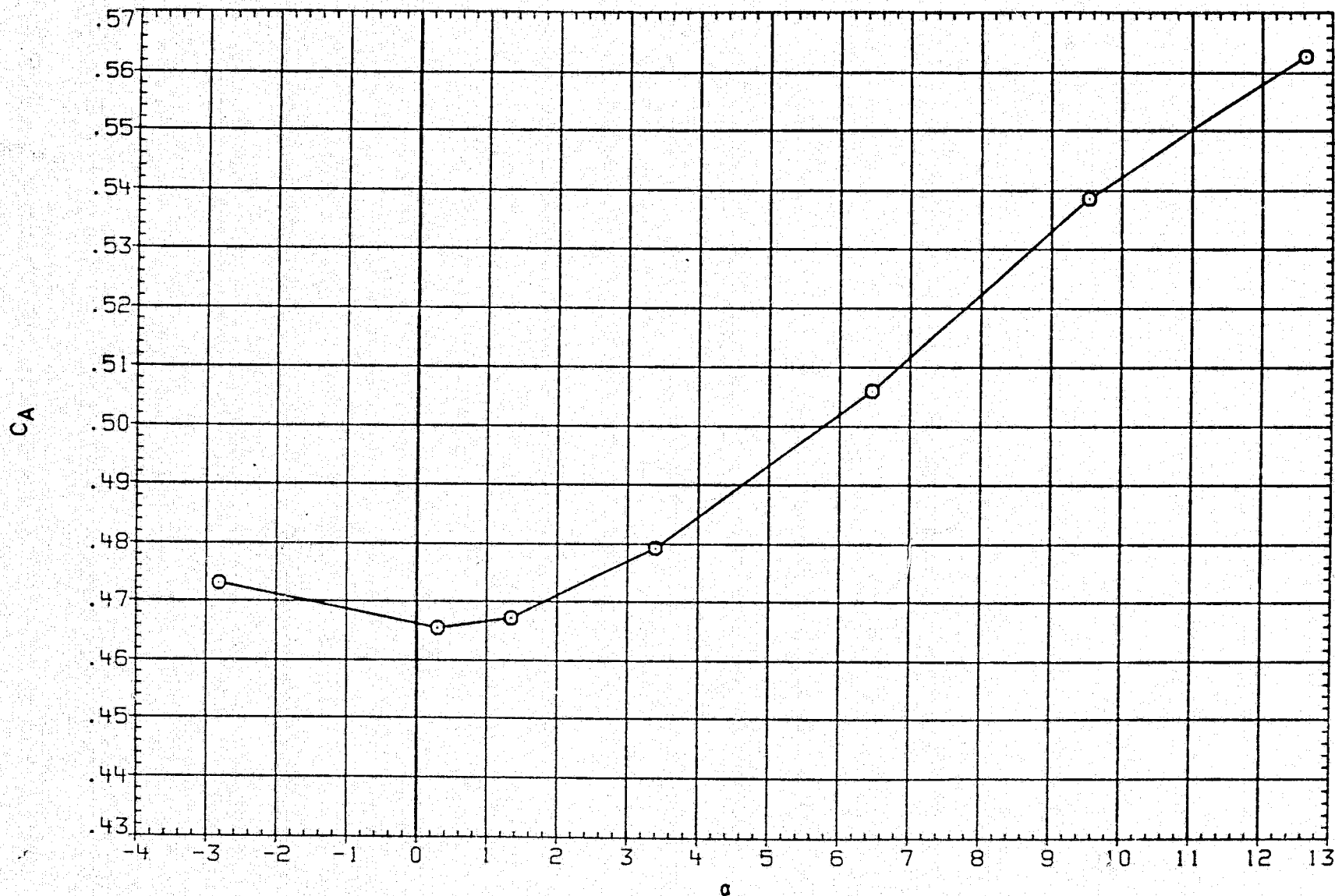


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CA	MACH	1.995	BETA	.000
		D1	.000	D3	.000
		D2	1.000	D4	1.000
		D1-3	.000	D2-4	1.000
		PHI-C	.000	PHI-T	.000

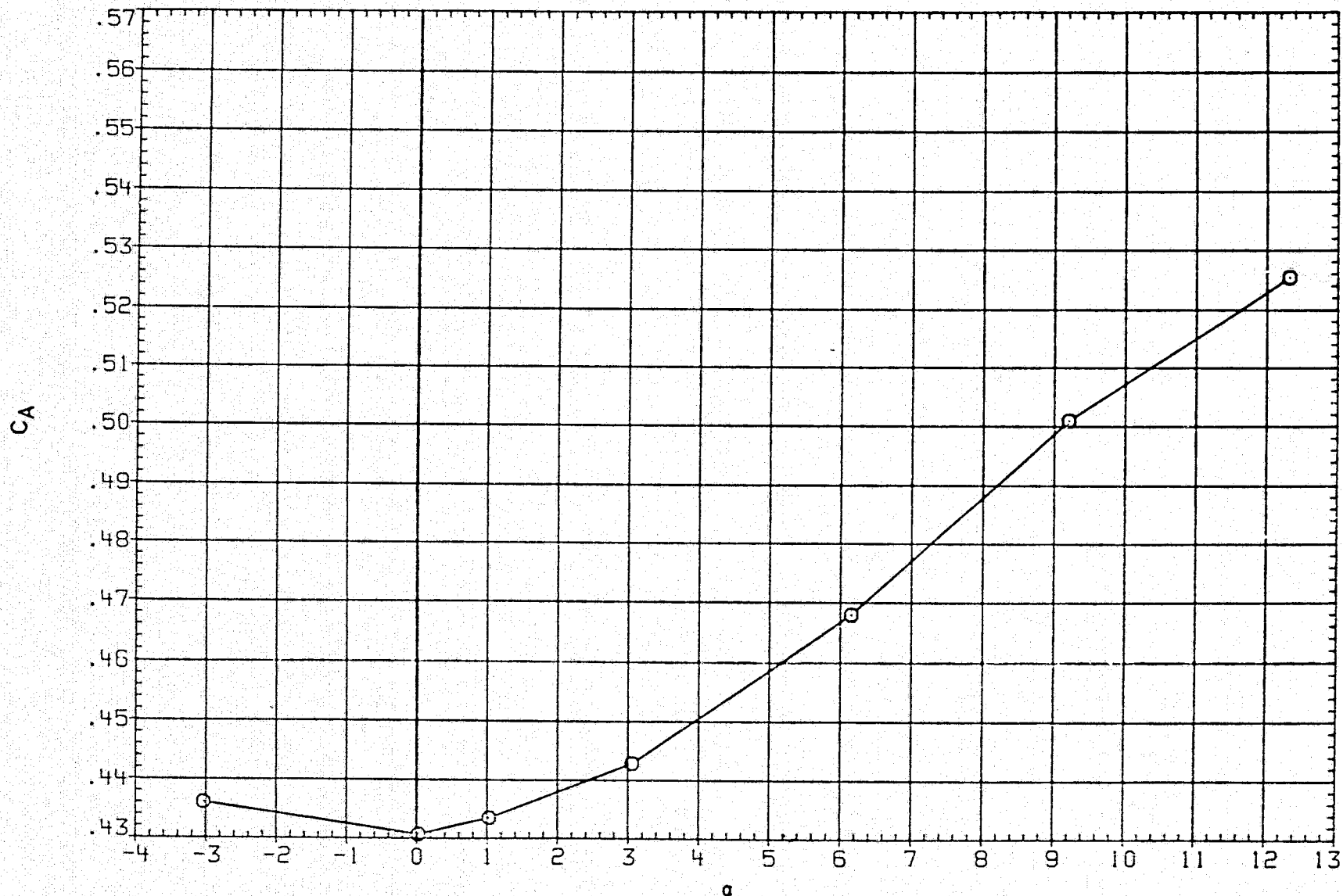


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CY	1.499	BETA .000
□	CYC	D1 .000	D3 .000
◇	CYT	D2 1.000	D4 1.000
△	CYB	D1-3 .000	D2-4 1.000
		PHI-C .000	PHI-T .000

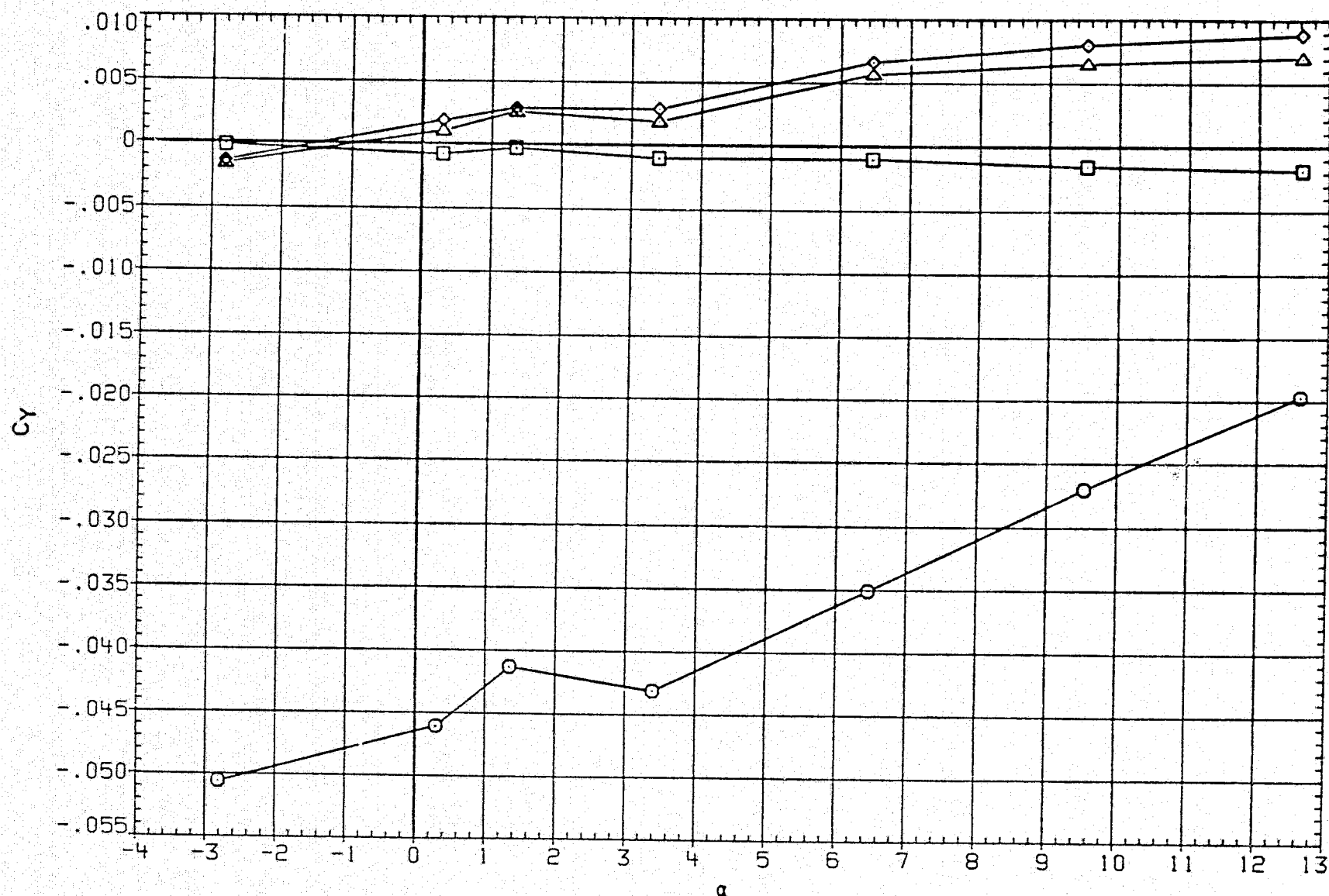


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 1.000 D4 1.000
△	CYB	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

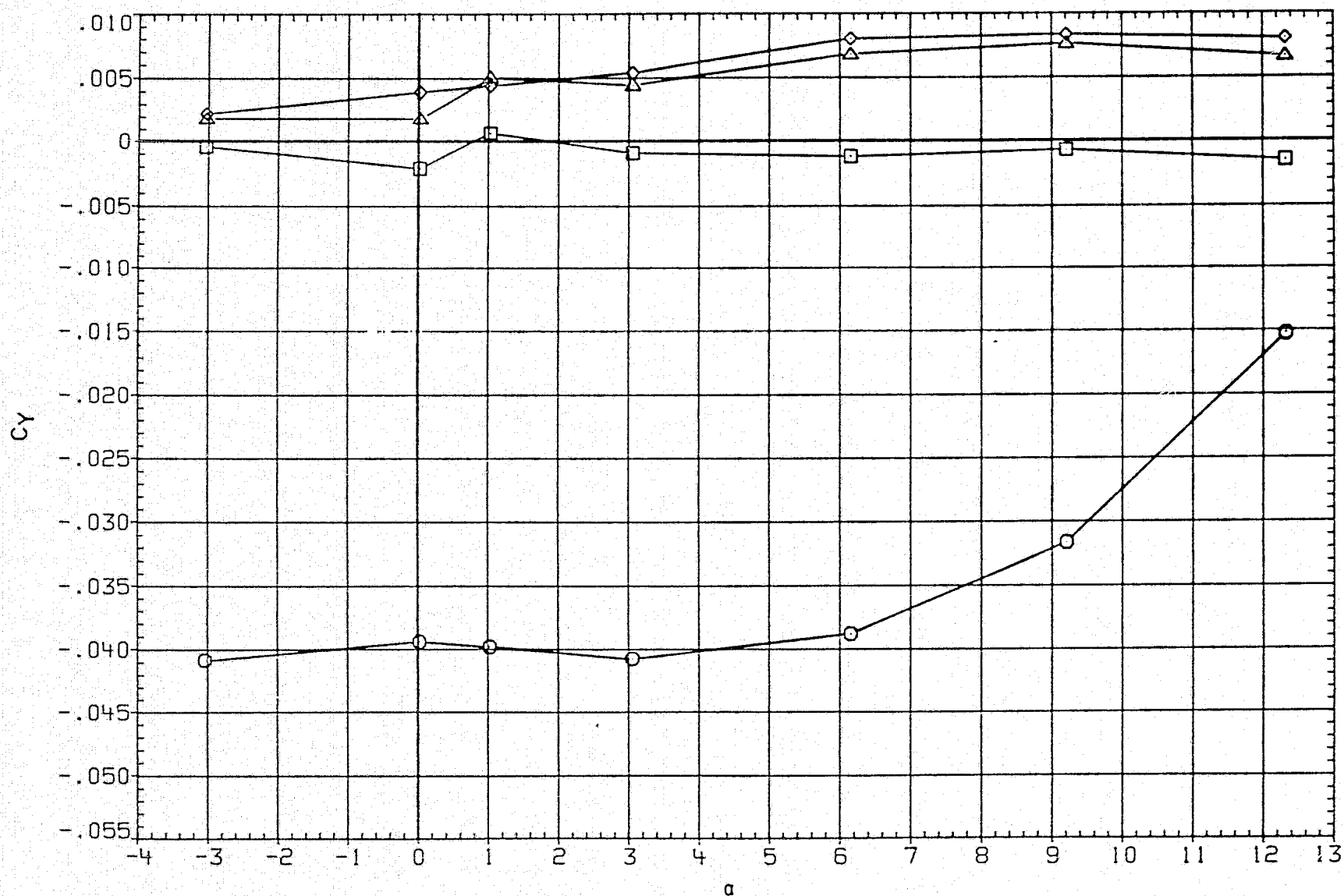


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.499 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 1.000 D4 1.000
△	CYMB	D1-3 .000 D2-4 1.000
	PHI-C	.000 PHI-T .000

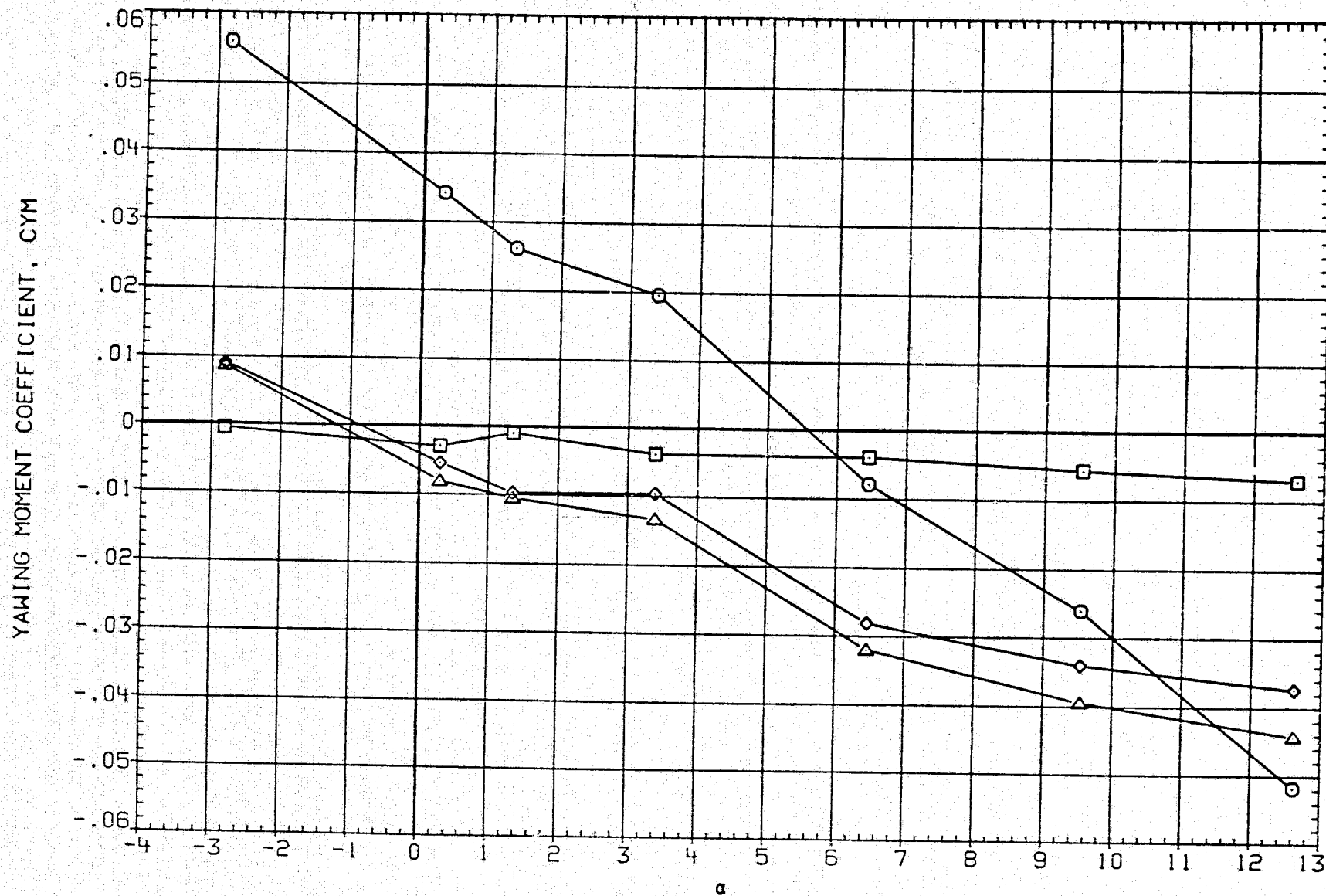


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.995 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 1.000 D4 1.000
△	CYMB	D1-3 .000 D2-4 1.000
		PHI-C .000 PHI-T .000

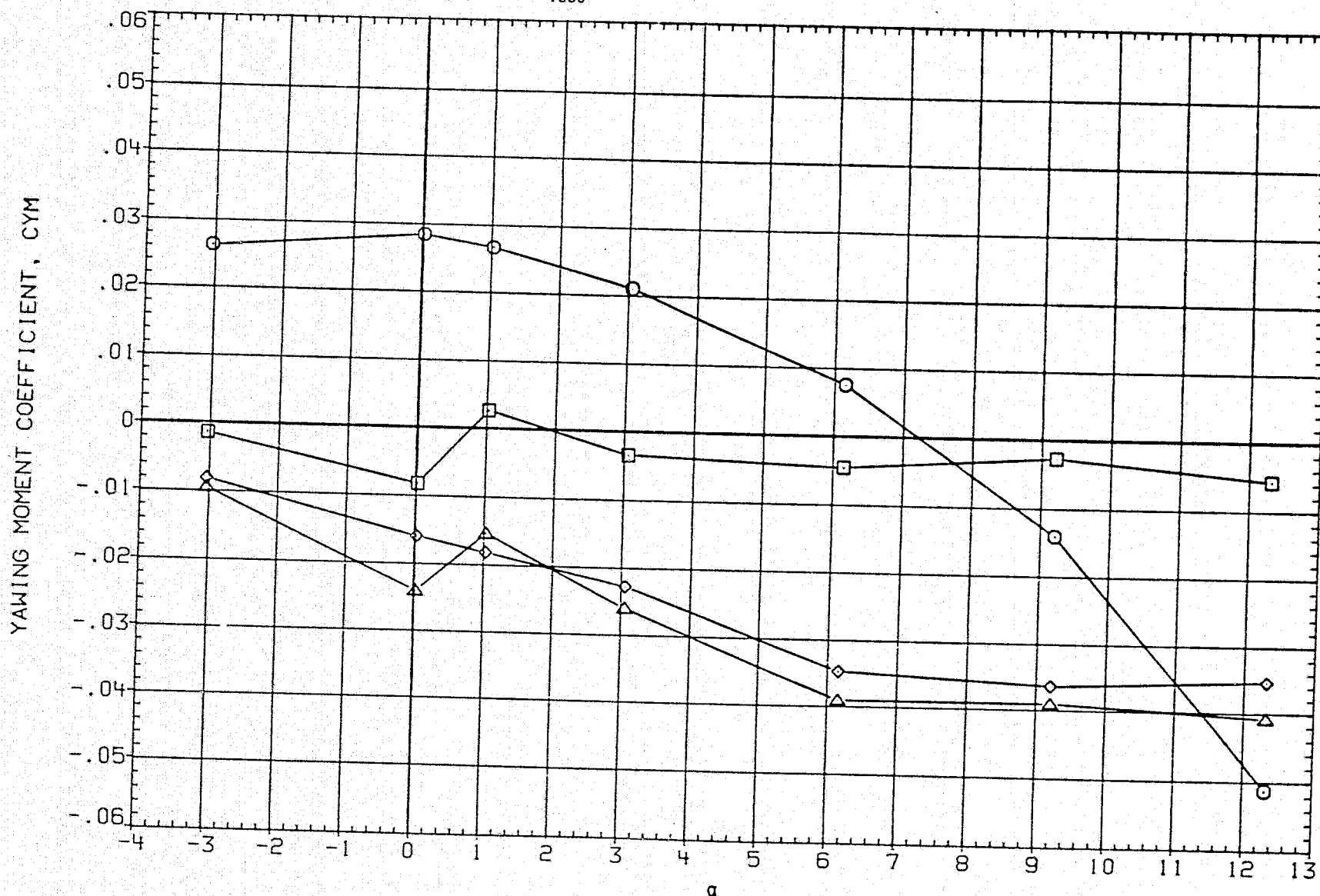


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.499 BETA .000
◇	CRM	D1 .000 D3 .000
△	CRM	D2 1.000 D4 1.000
□	CRM	D1-3 .000 D2-4 1.000
△	CRM	PHI-C .000 PHI-T .000

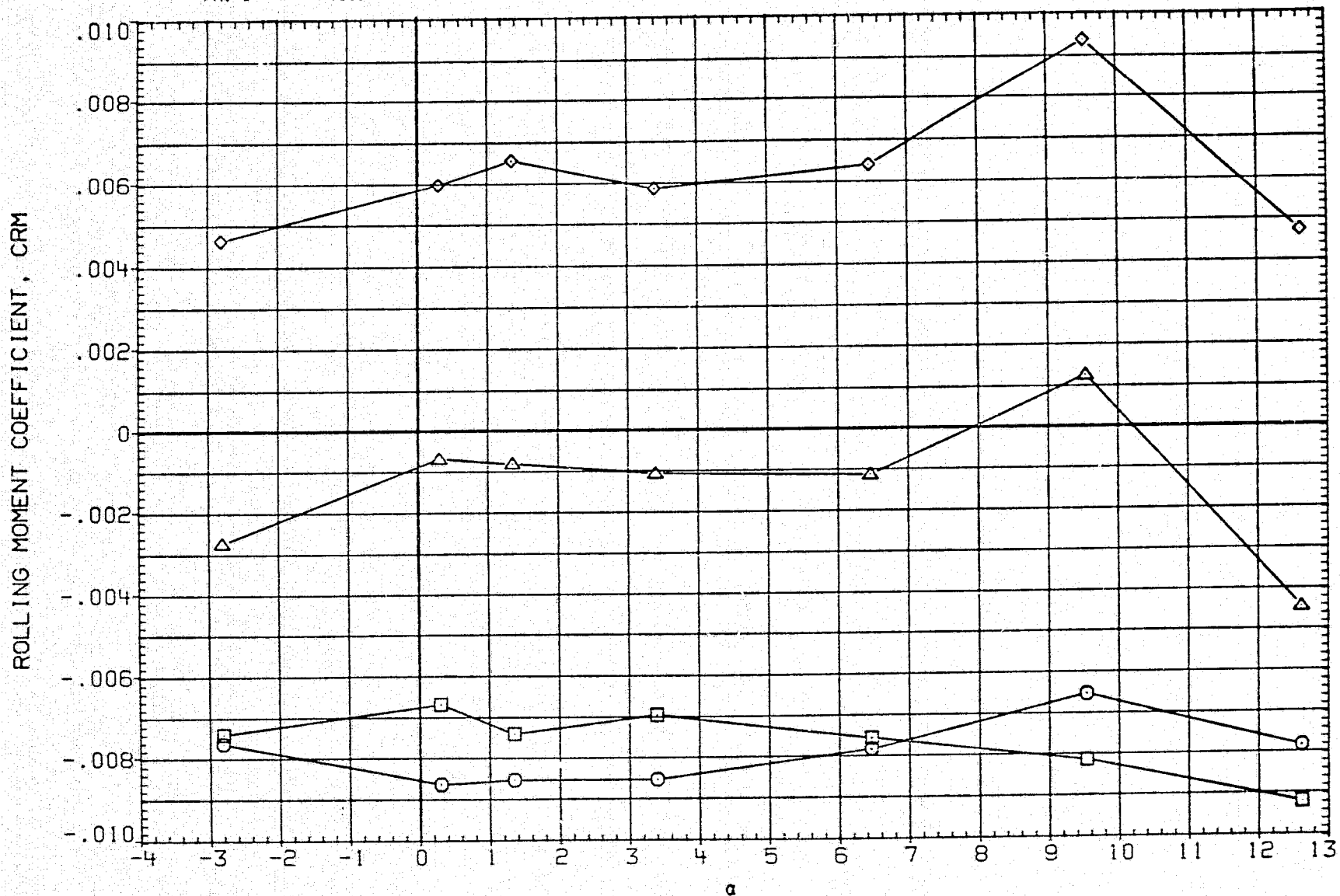


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ283) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CRM	MACH	1.995	BETA	.000
□	CRM	D1	.000	D3	.000
◇	CRM	D2	1.000	D4	1.000
△	CRM	D1-3	.000	D2-4	1.000
		PHI-C	.000	PHI-T	.000

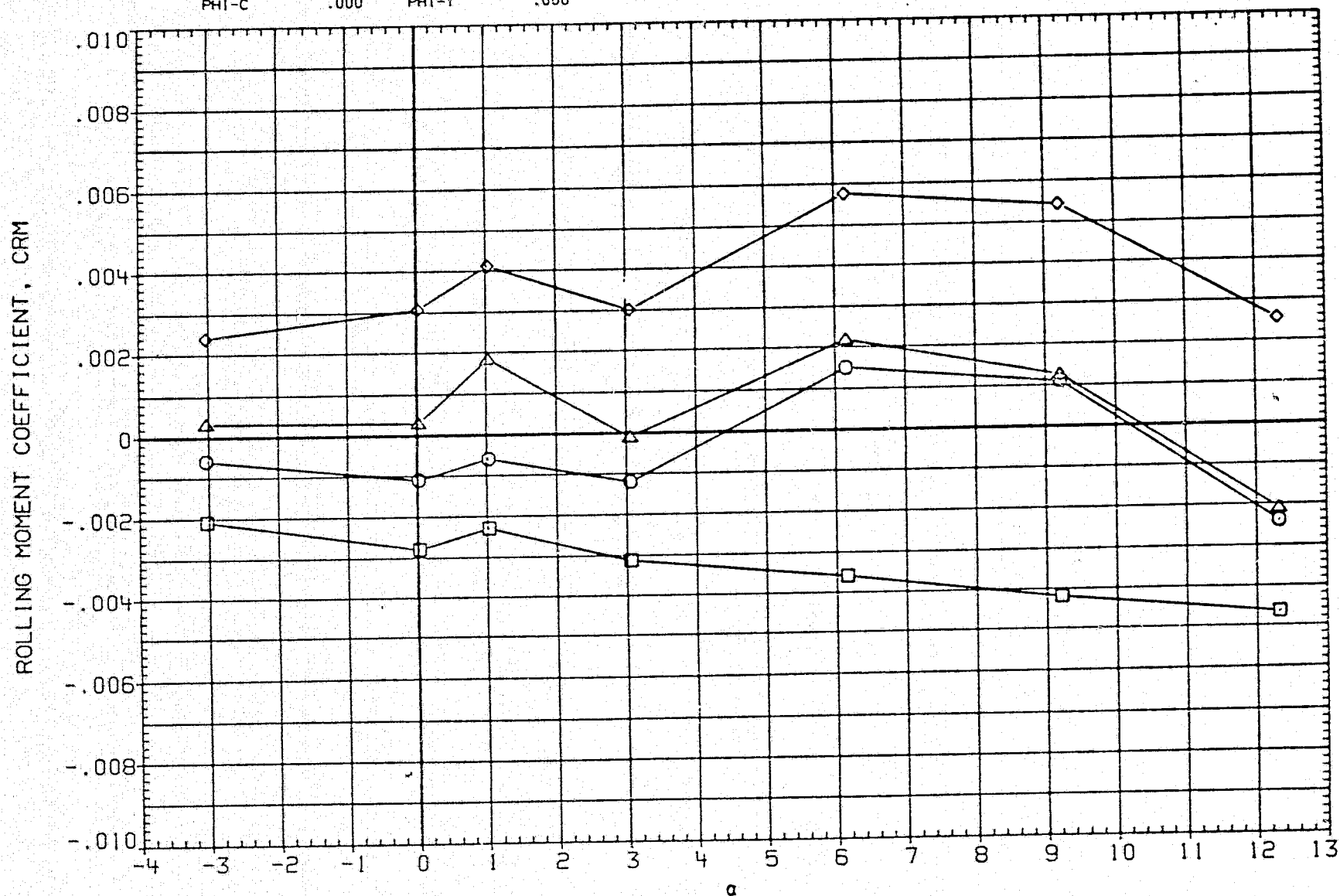


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ284) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.501 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 3.000 D4 3.000
△	CNB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

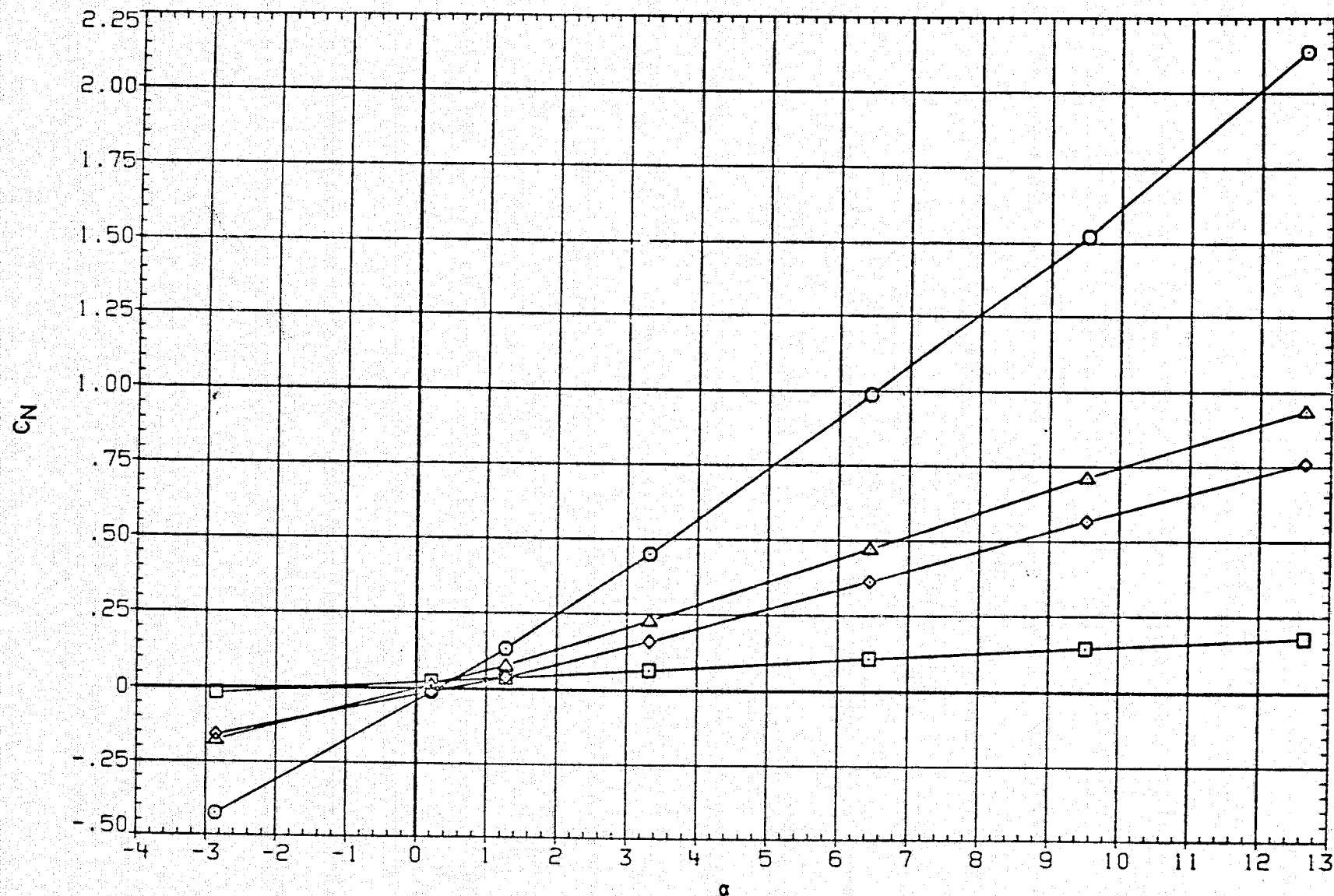


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ284) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.995 BETA .000
◇	CNC	D1 .000 D3 .000
△	CNT	D2 3.000 D4 3.000
△	CNB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

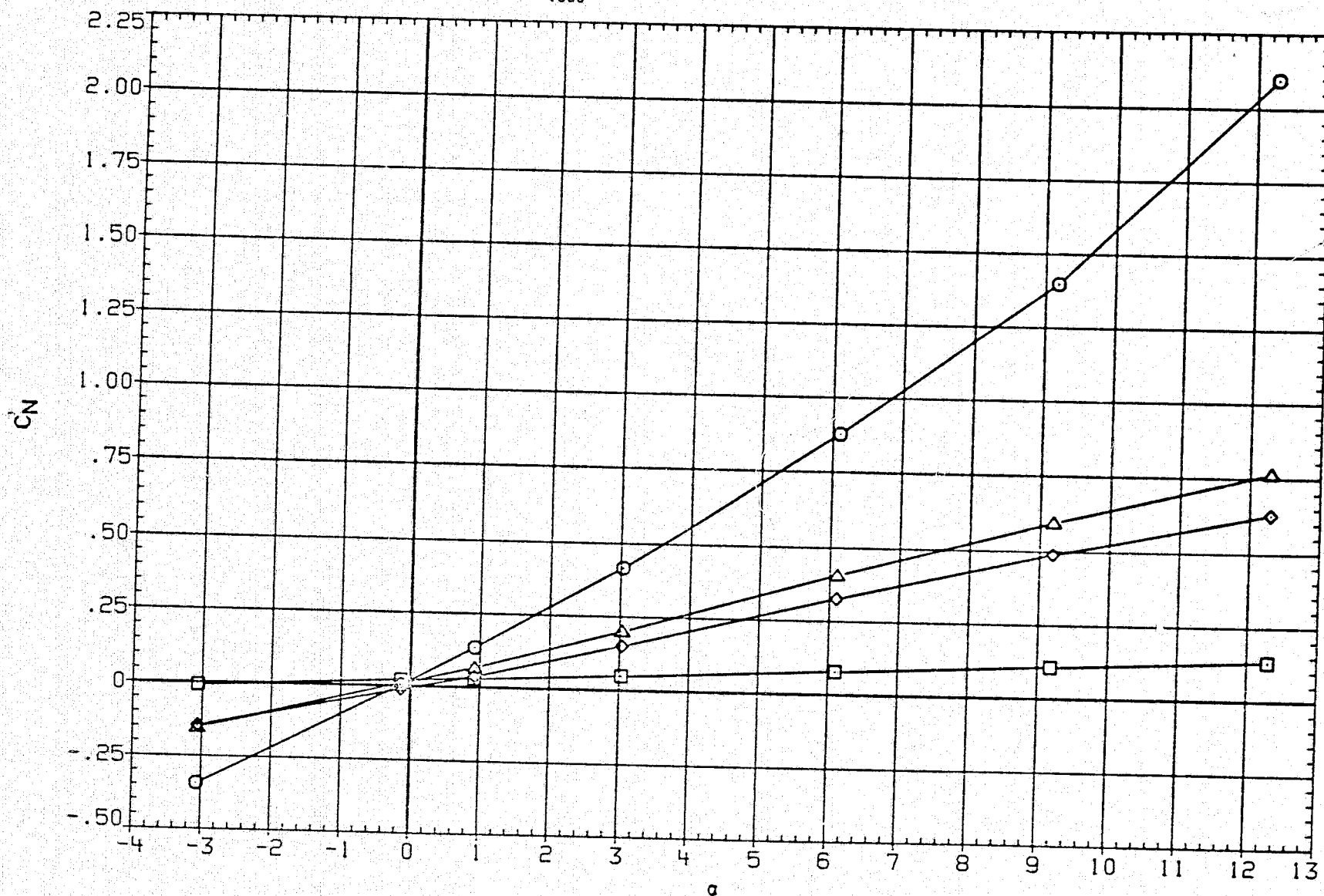


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ284) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA
○	CM	1.501	D1	.000
□	CMC	.000	D3	.000
◇	CMT	3.000	D4	3.000
△	CMB	.000	D2-4	3.000
		.000	PHI-C	.000
			PHI-T	.000

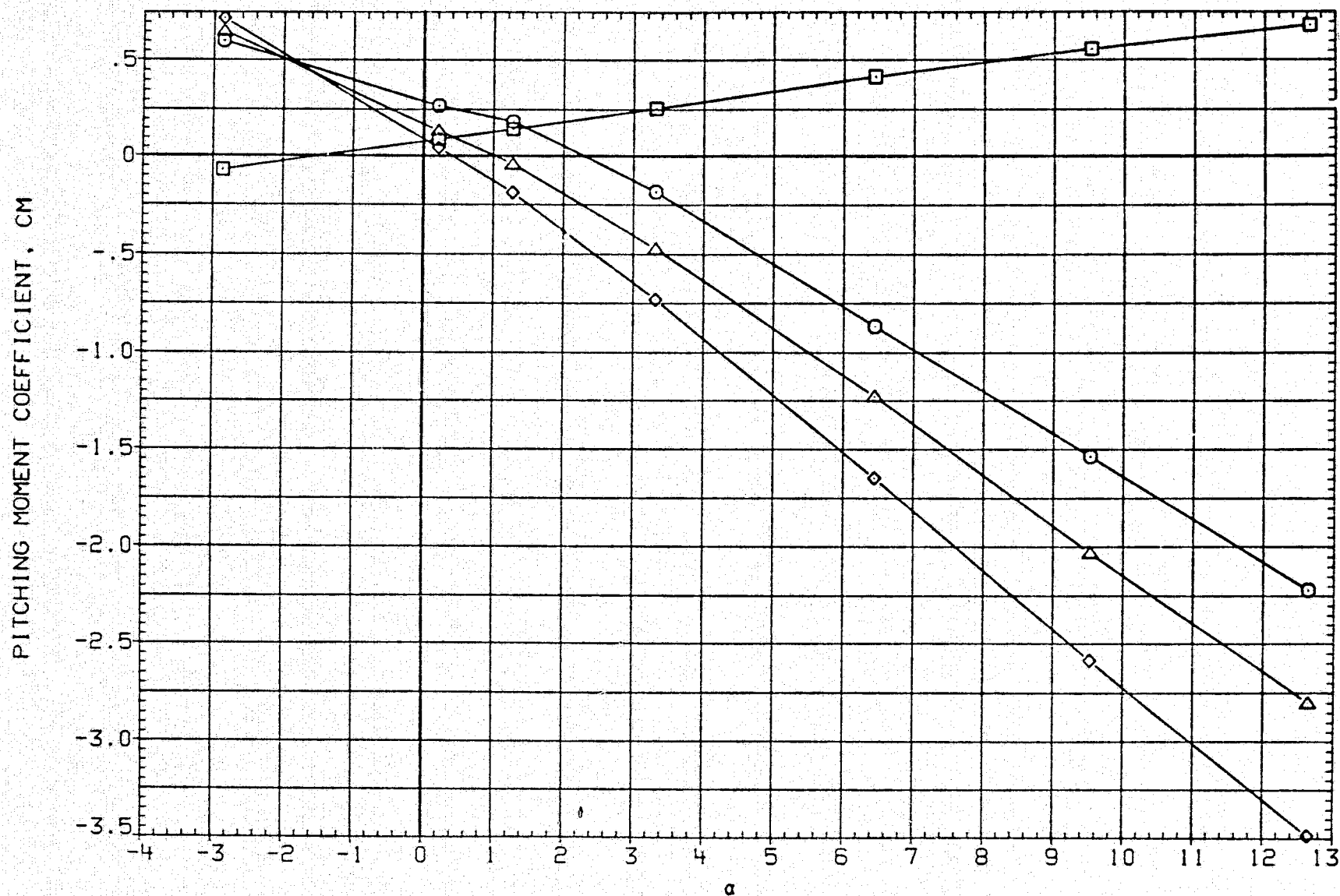


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ284) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.995
□	CMC	D1 .000
◇	CMT	D2 3.000
△	CM9	D1-3 .000
		PHI-C .000
		BETA .000
		D3 .000
		D4 3.000
		D2-4 3.000
		PHI-T .000

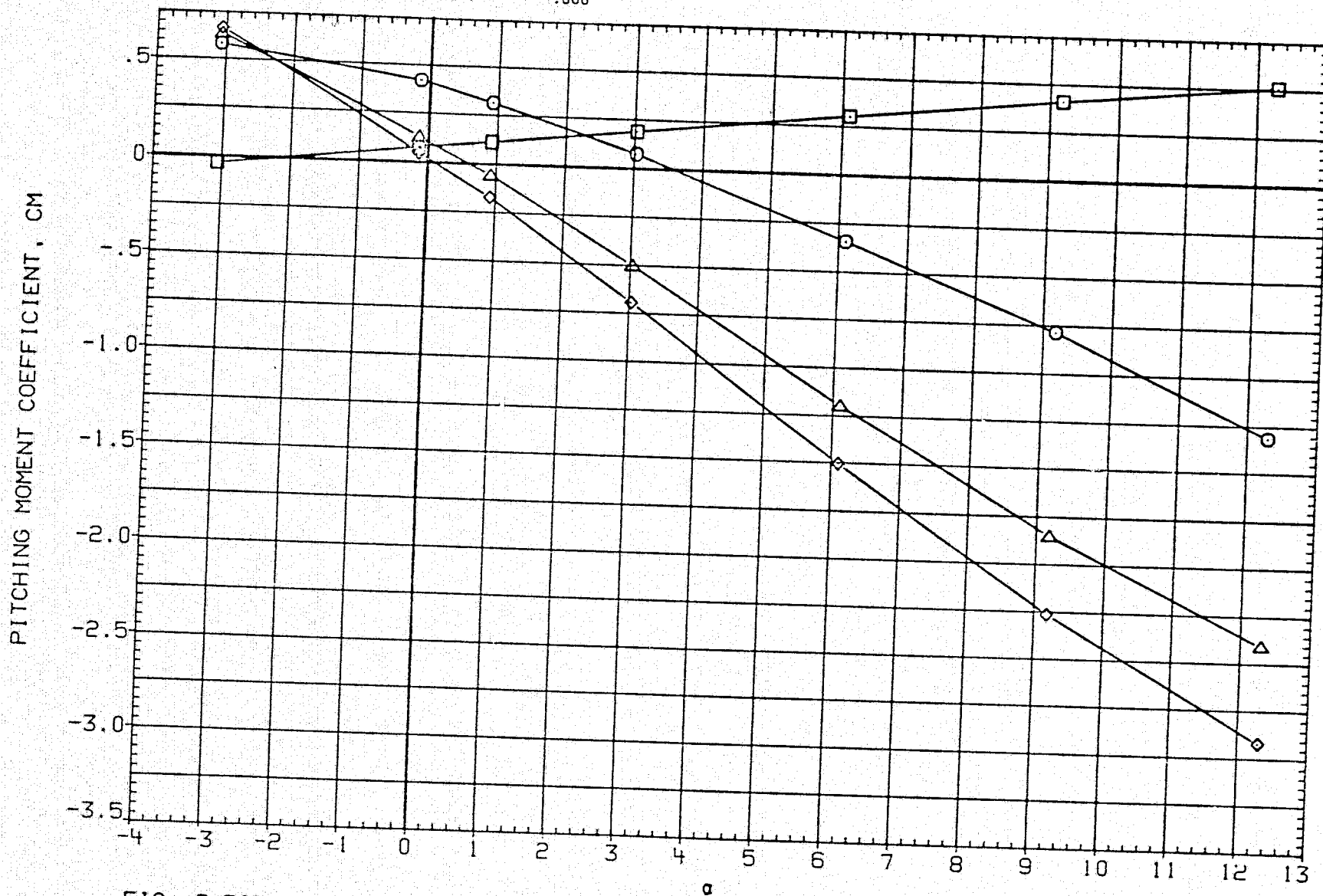


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ284) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.501	BETA	.000
		D1	.000	D3	.000
		D2	3.000	D4	3.000
		D1-3	.000	D2-4	3.000
		PHI-C	.000	PHI-T	.000

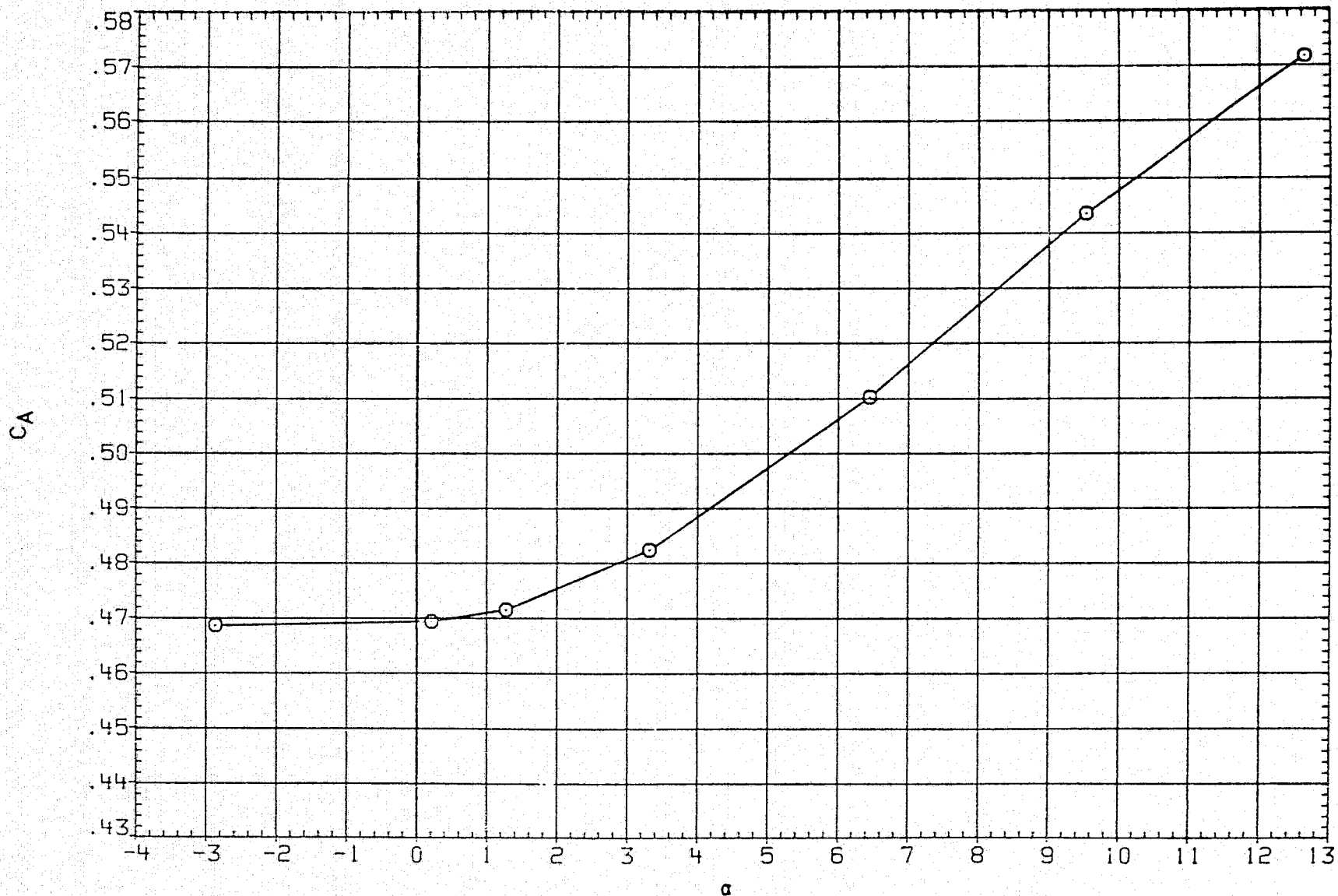


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ284) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.995	BETA	.000
		D1	.000	D3	.000
		D2	3.000	D4	3.000
		D1-3	.000	D2-4	3.000
		PHI-C	.000	PHI-T	.000

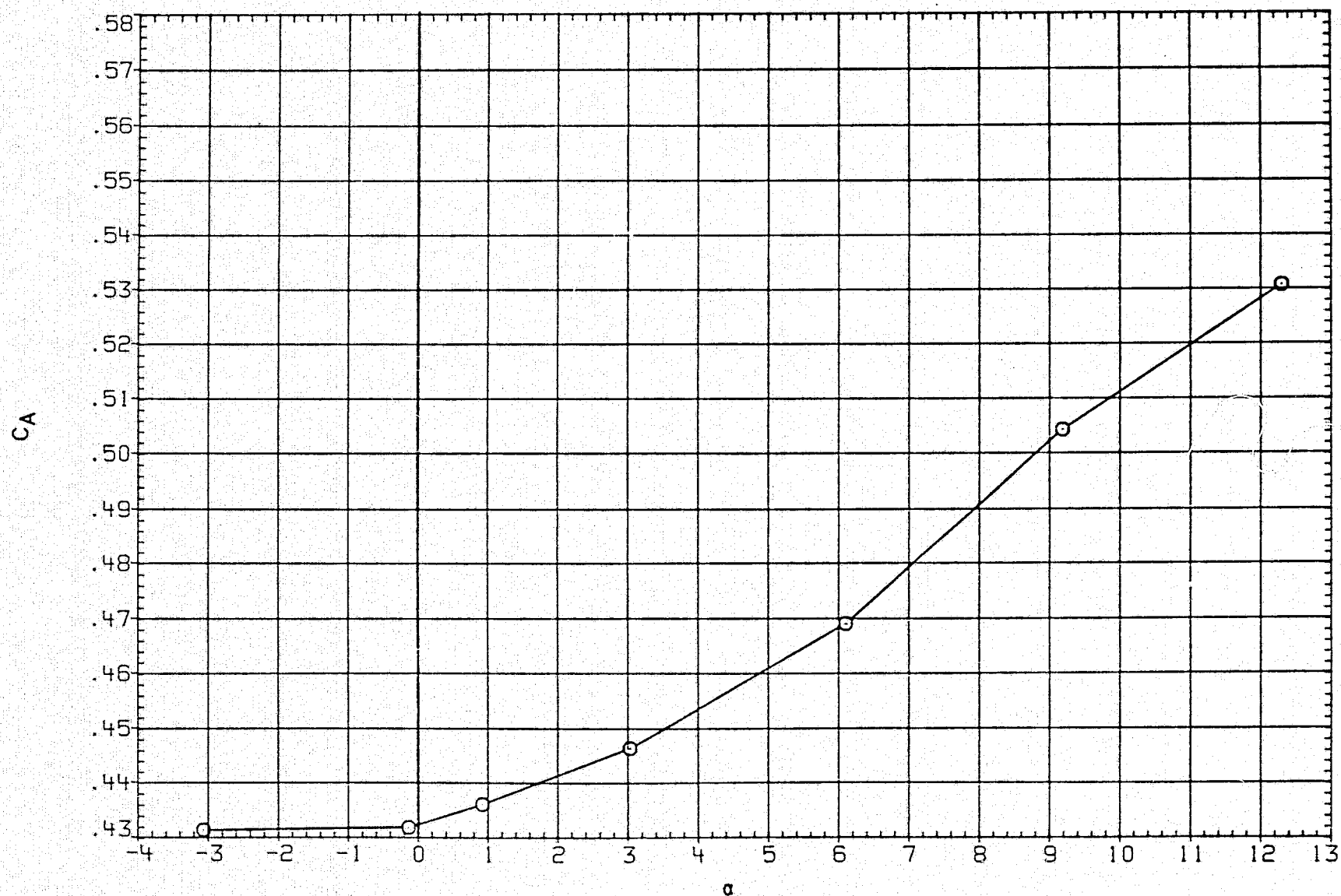


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ284) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CY	1.501	D1	.000	.000
□	CYC	.000	D2	.000	.000
◇	CYT	3.000	D1-3	.000	3.000
△	CYB	.000	D2-4	.000	3.000
		PHI-C	PHI-T		.000

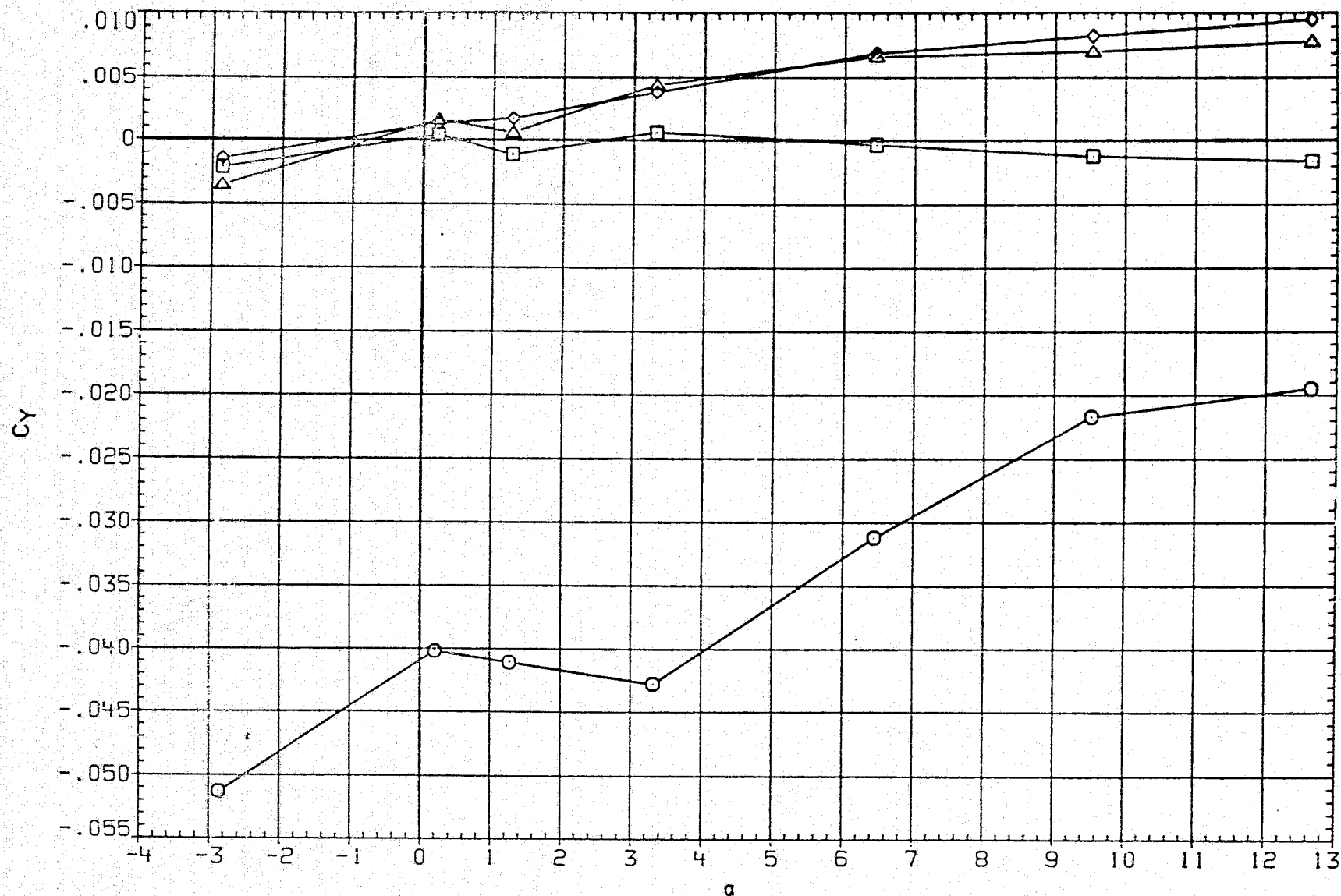


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ284) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.595 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 3.000 D4 3.000
△	CYB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

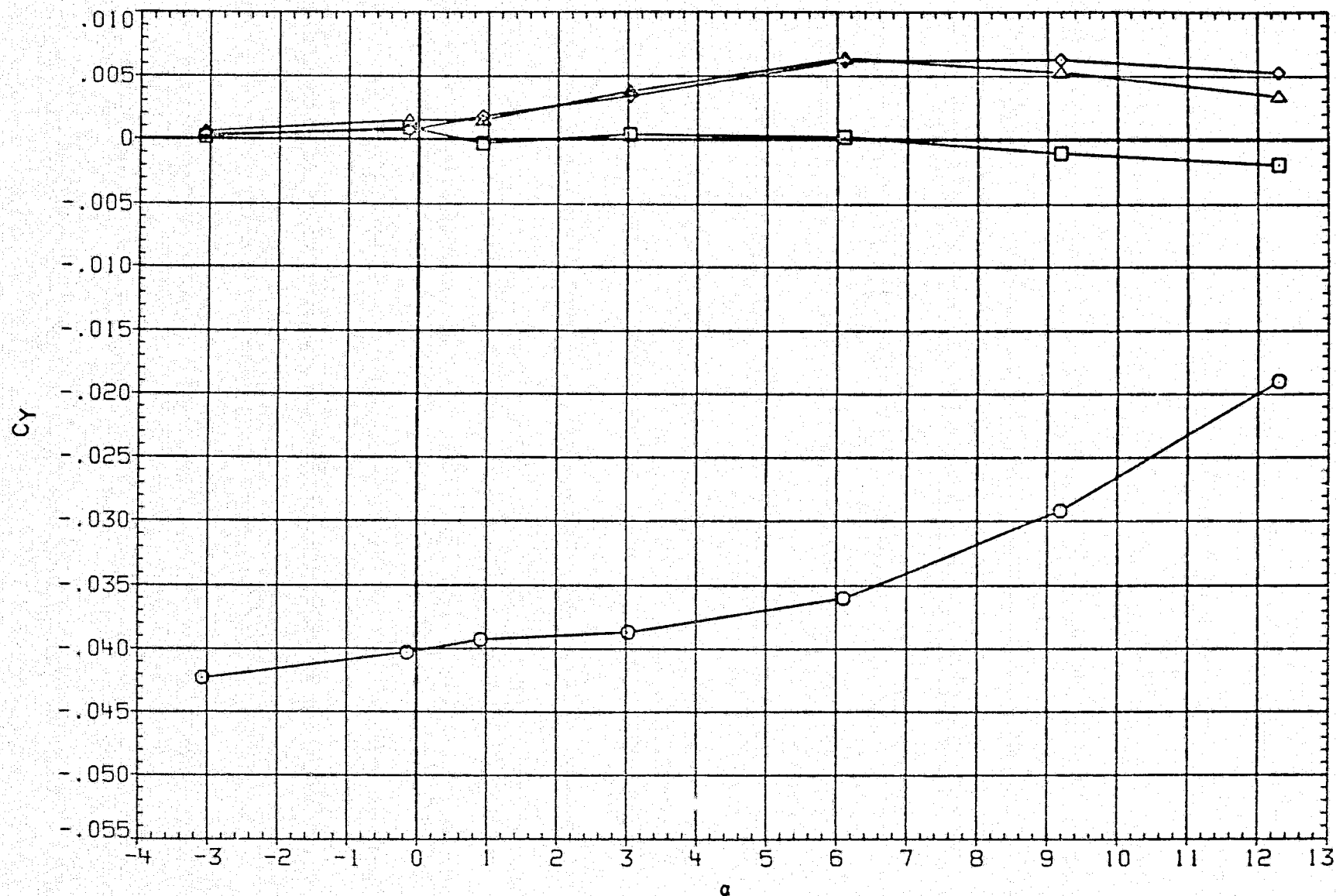


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ284)

CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.591 BETA .000
◇	CYMC	D1 .000 D3 .000
□	CYMT	D2 3.000 D4 3.000
△	CYMB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

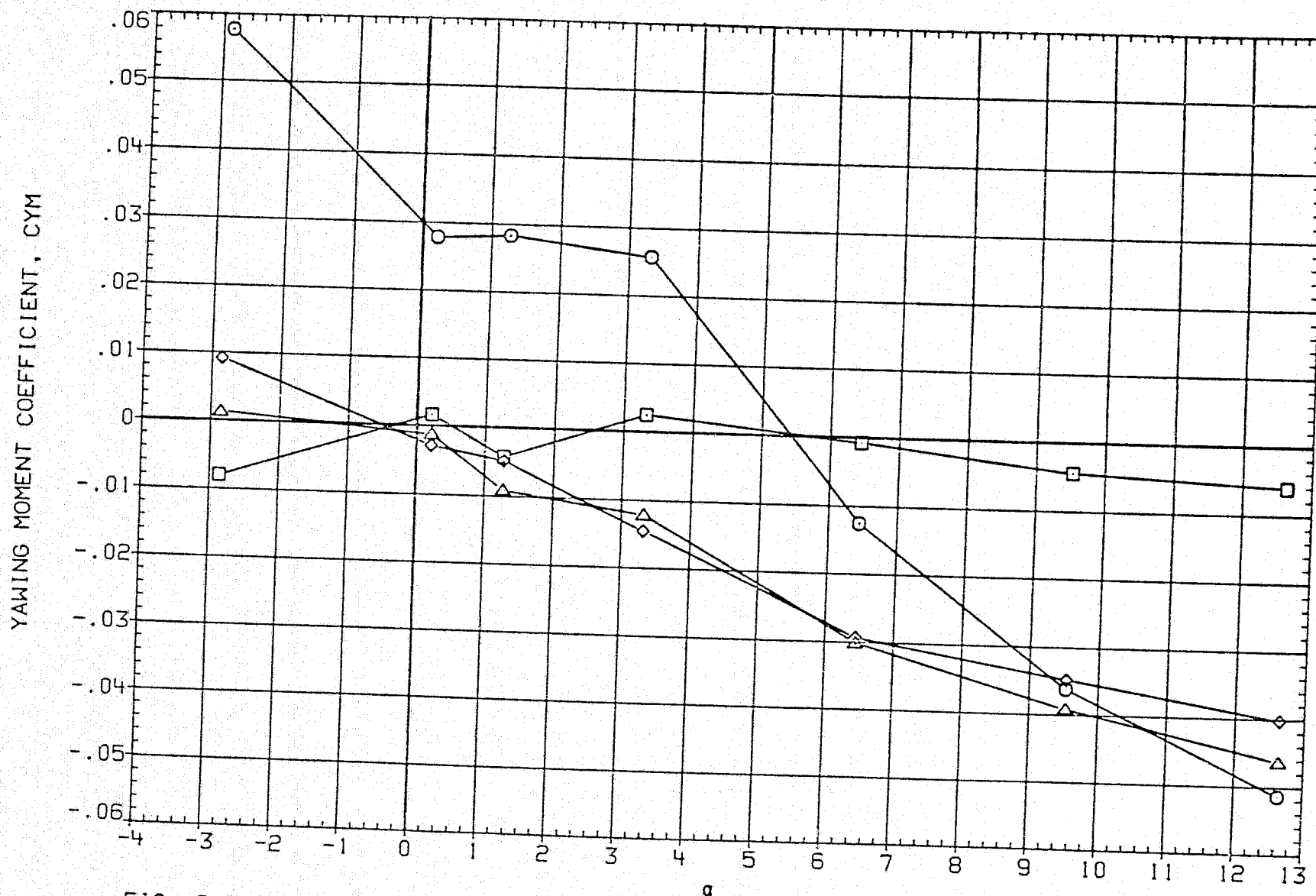


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ284) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.995 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 3.000 D4 3.000
△	CYMB	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

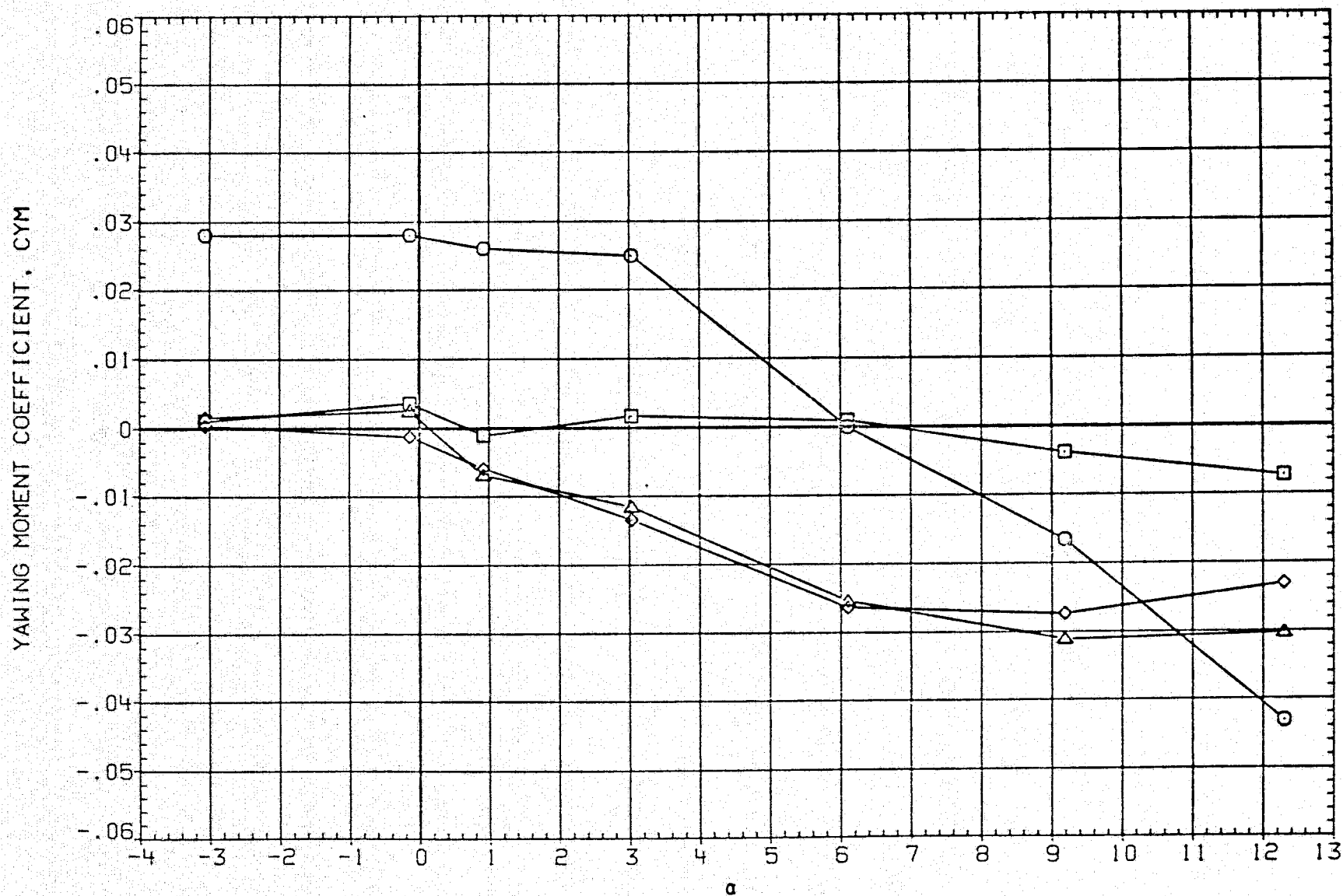


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ284) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CRM	1.501	D1	.000	
□	CRM	.000	D2	.000	
◇	CRM	3.000	D1-3	.000	
△	CRM	.000	PHI-C	.000	
			PHI-T	.000	

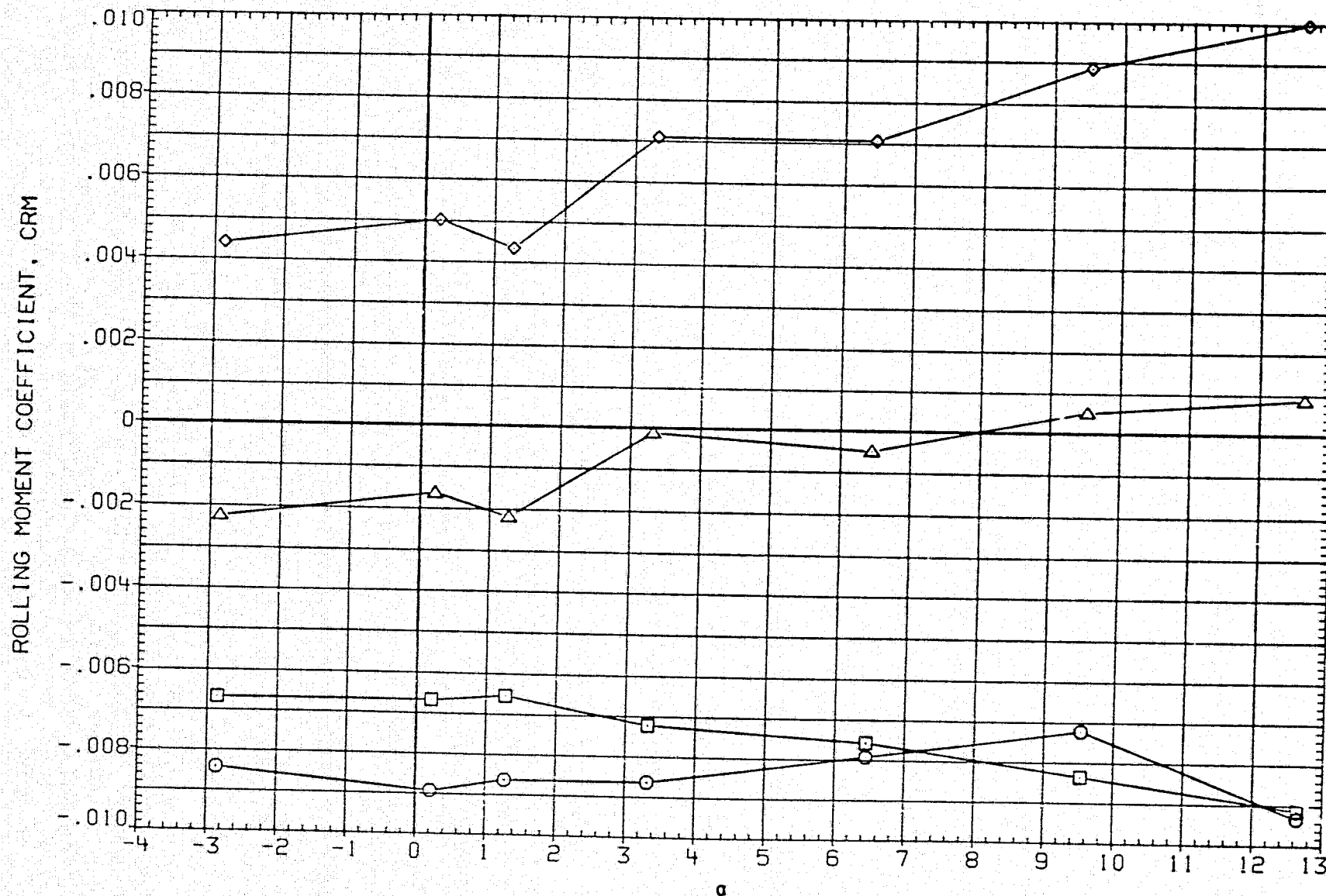


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ284) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.975 BETA .000
□	CRM C	D1 .000 D3 .000
△	CRM T	D2 3.000 D4 3.000
	CRM B	D1-3 .000 D2-4 3.000
		PHI-C .000 PHI-T .000

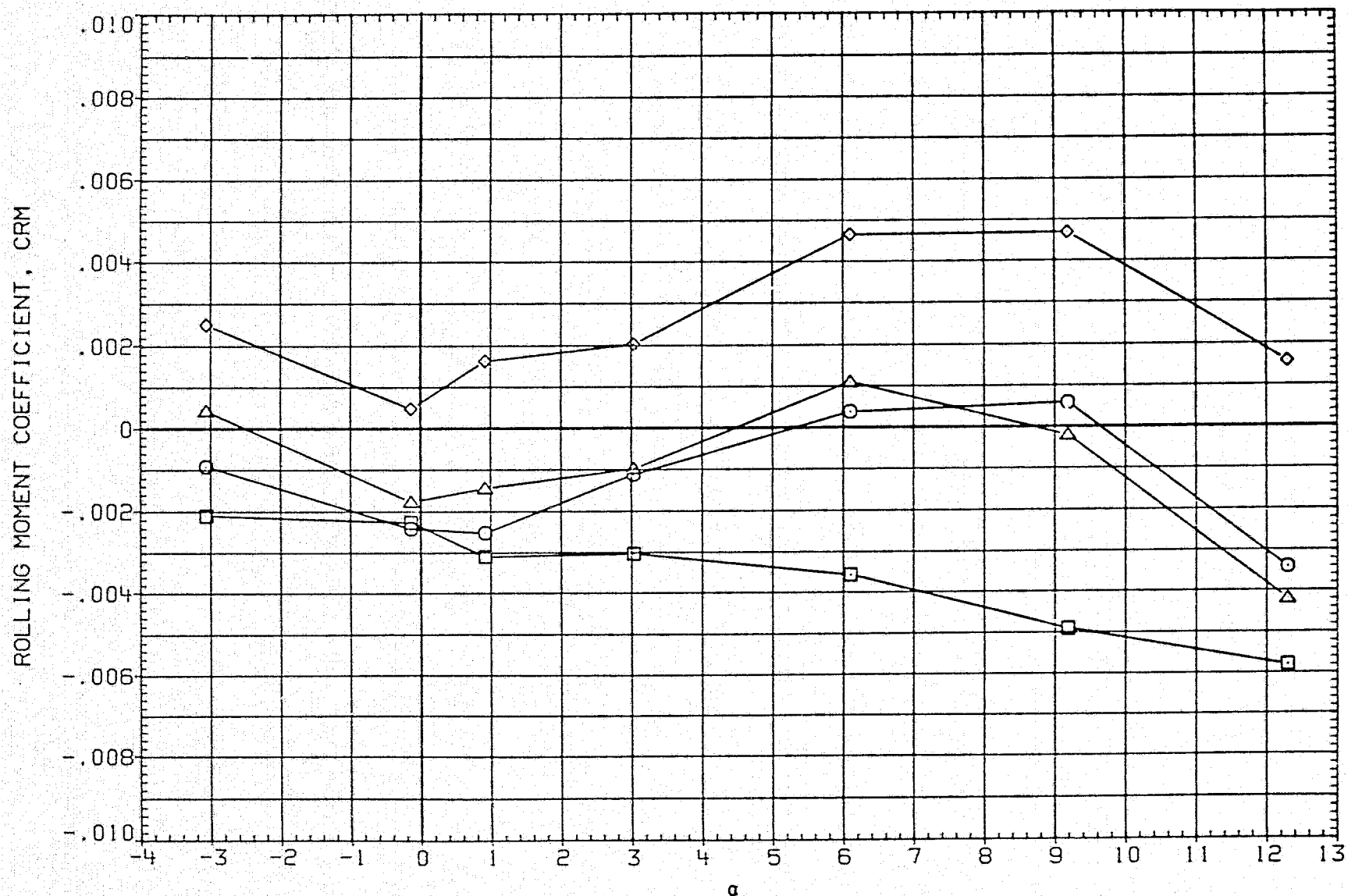


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ285) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.500 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 6.000 D4 6.000
△	CNB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

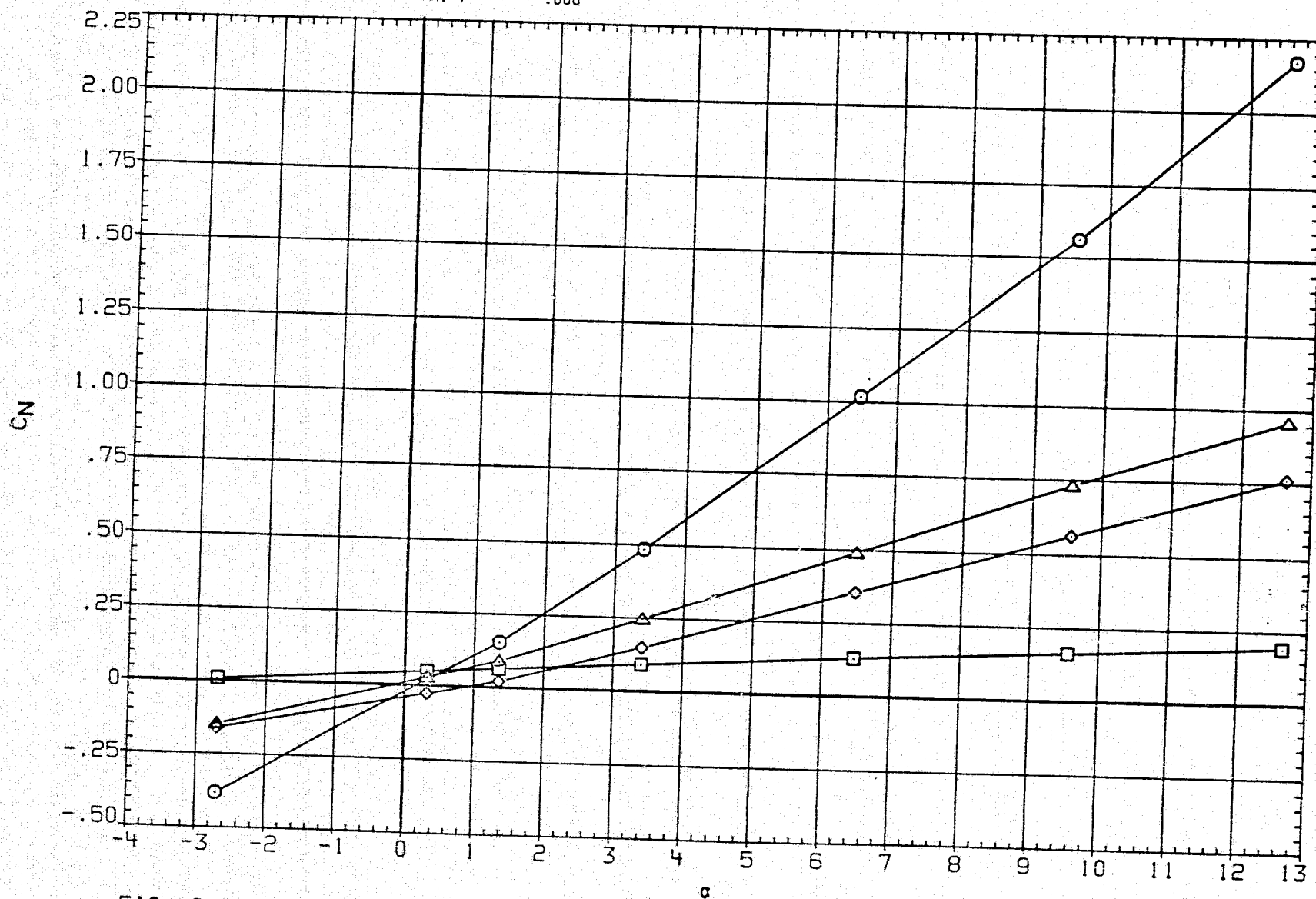


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ285) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.995 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 6.000 D4 6.000
△	CNB	D1-3 .000 D2-4 6.000
	PHI-C	.000 PHI-T .000

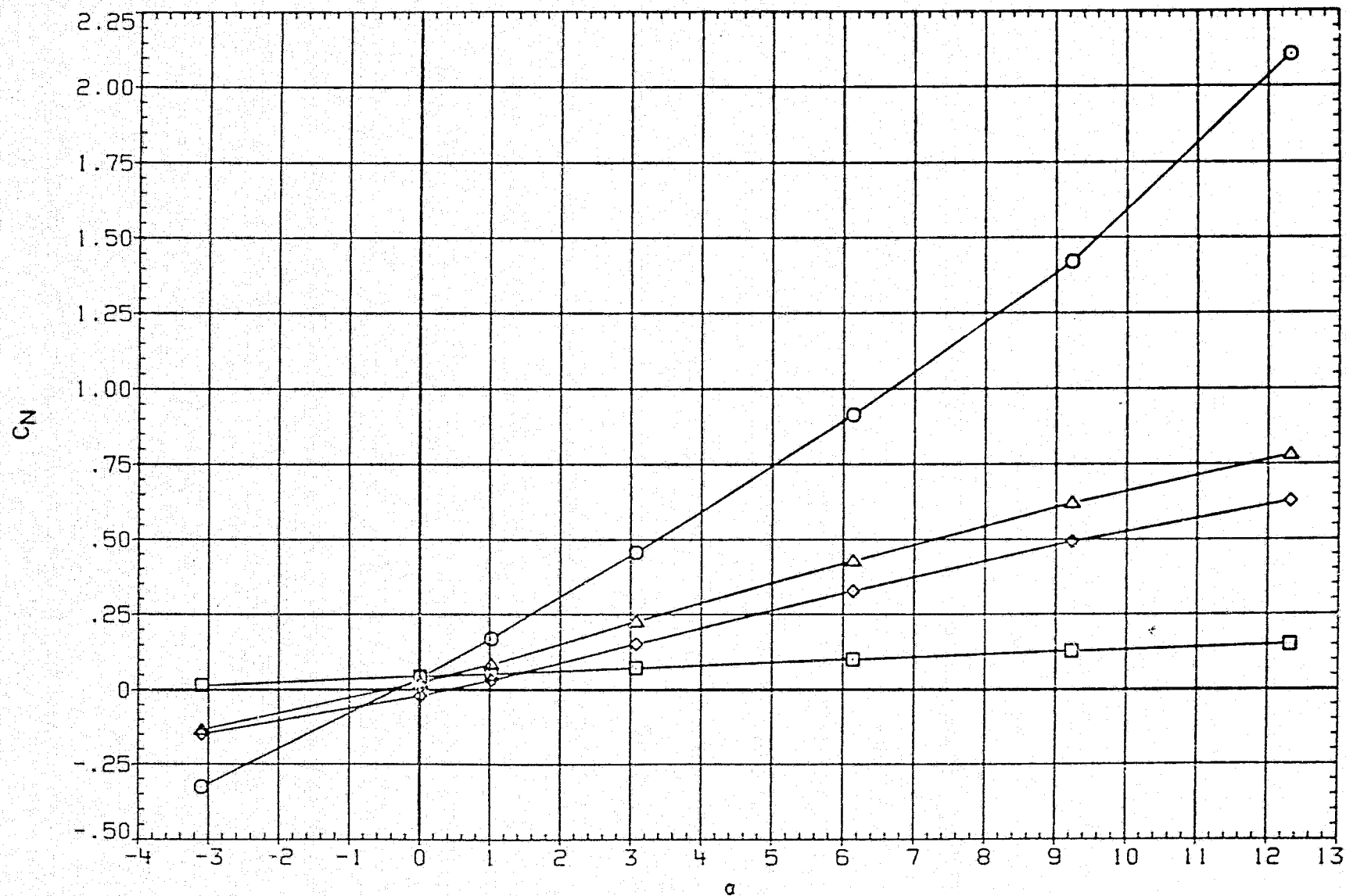


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ285) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.500 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 6.000 D4 6.000
△	CMB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

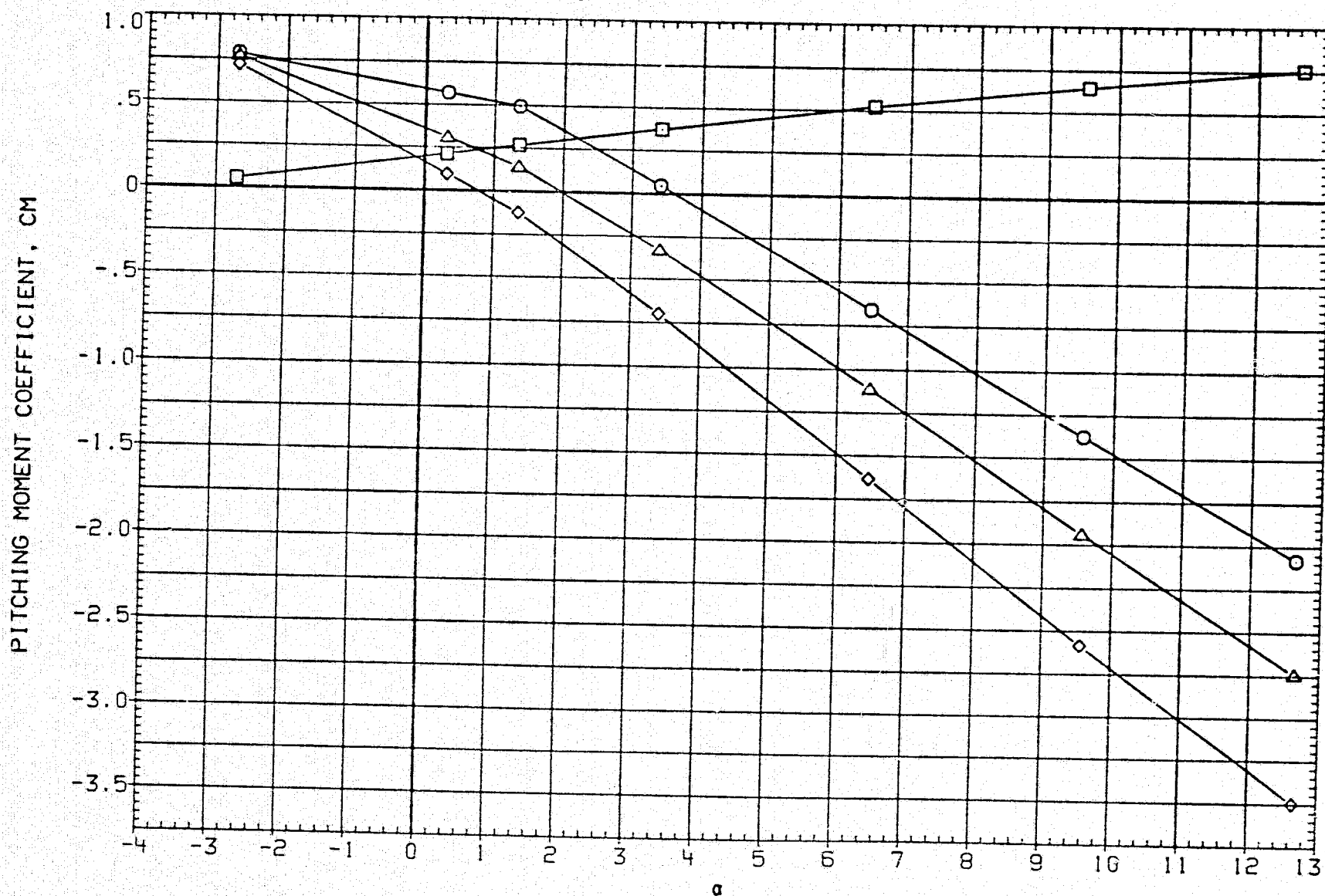


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ285) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.995 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 6.000 D4 6.000
△	CM9	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

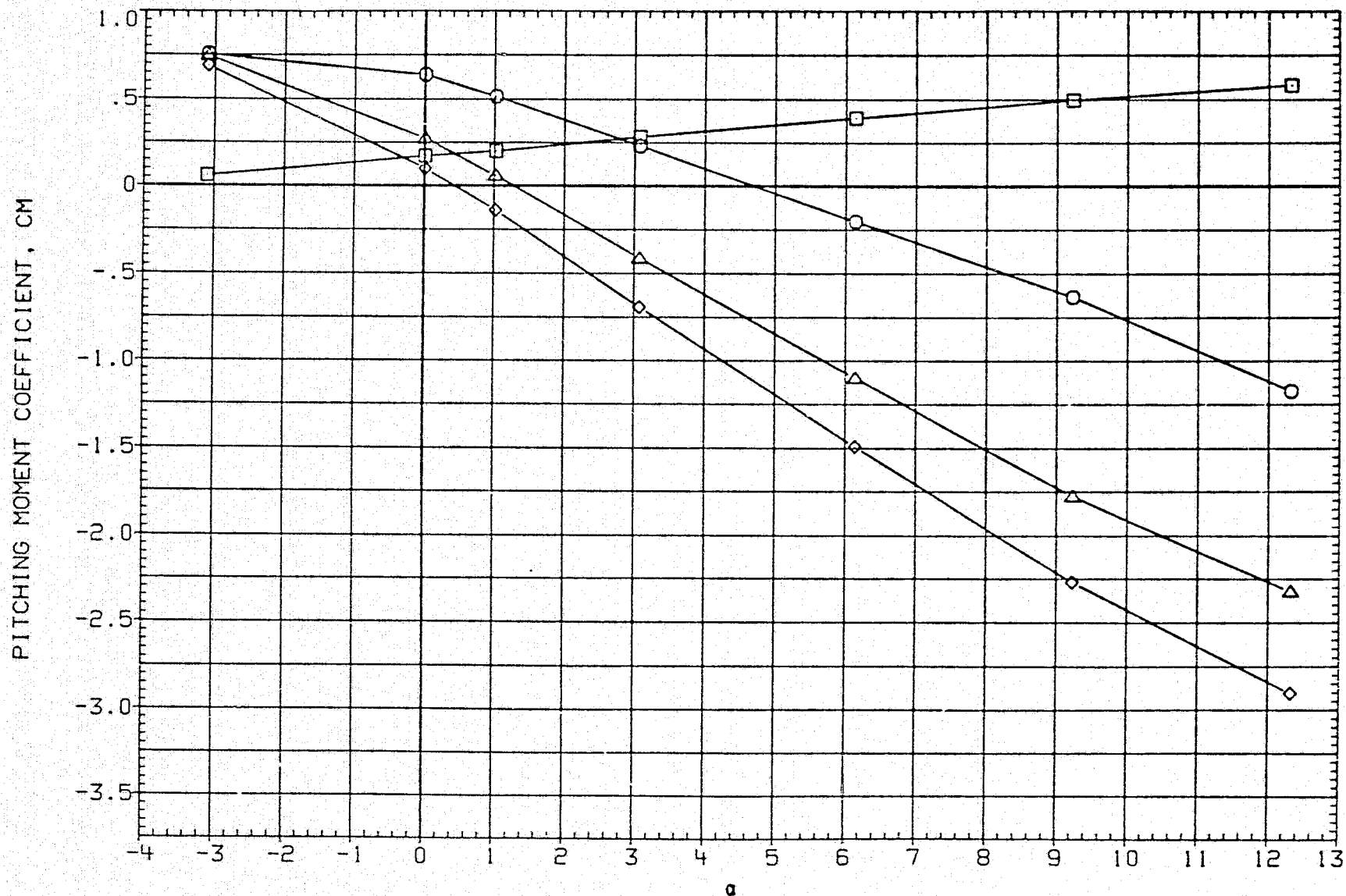


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ285) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.500	BETA	.000
		D1	.000	D3	.000
		D2	6.000	D4	6.000
		D1-3	.000	D2-4	6.000
		PHI-C	.000	PHI-T	.000

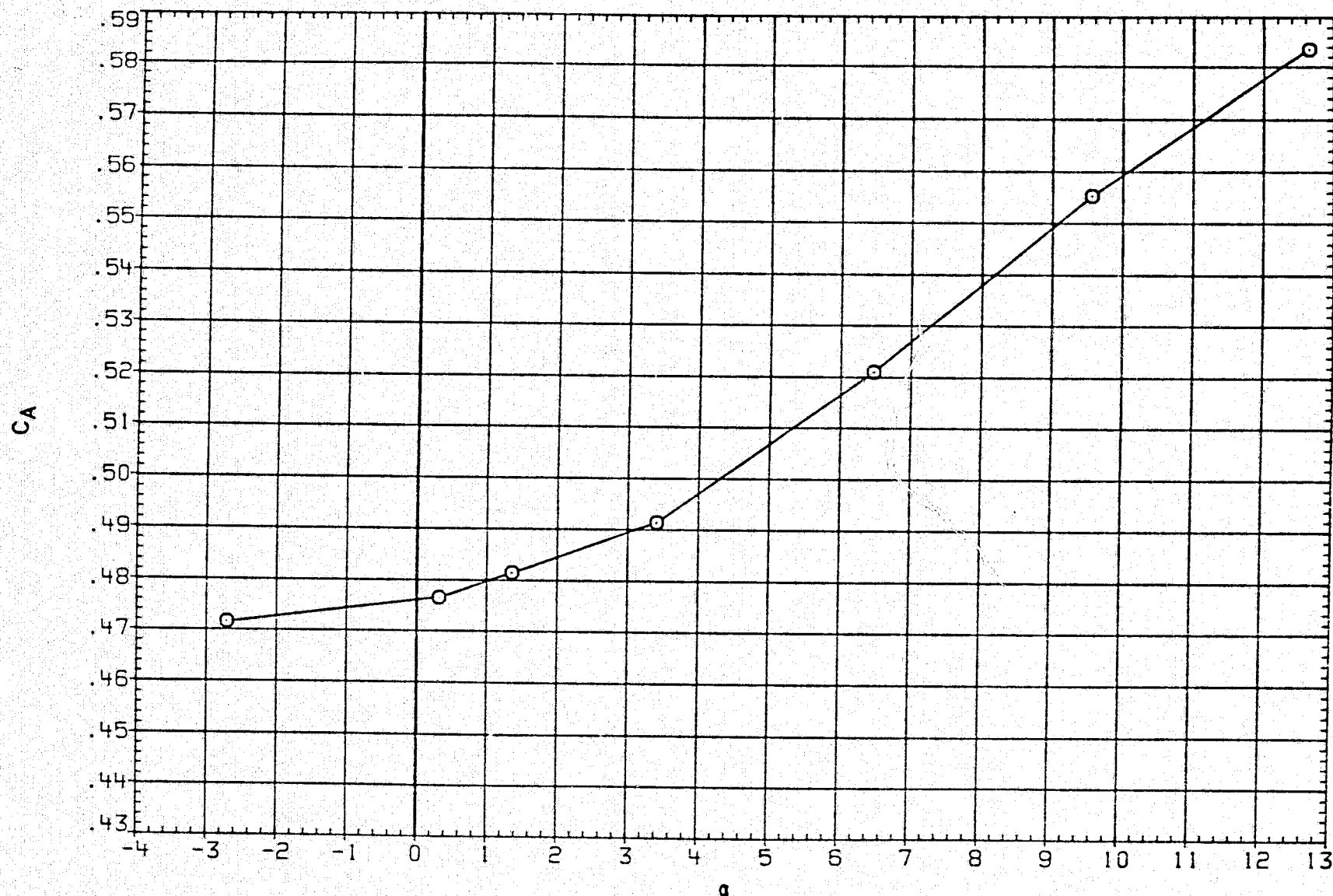


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ285) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.995	BETA	.000
		D1	.000	D3	.000
		D2	6.000	D4	6.000
		D1-3	.000	D2-4	6.000
		PHI-C	.000	PHI-T	.000

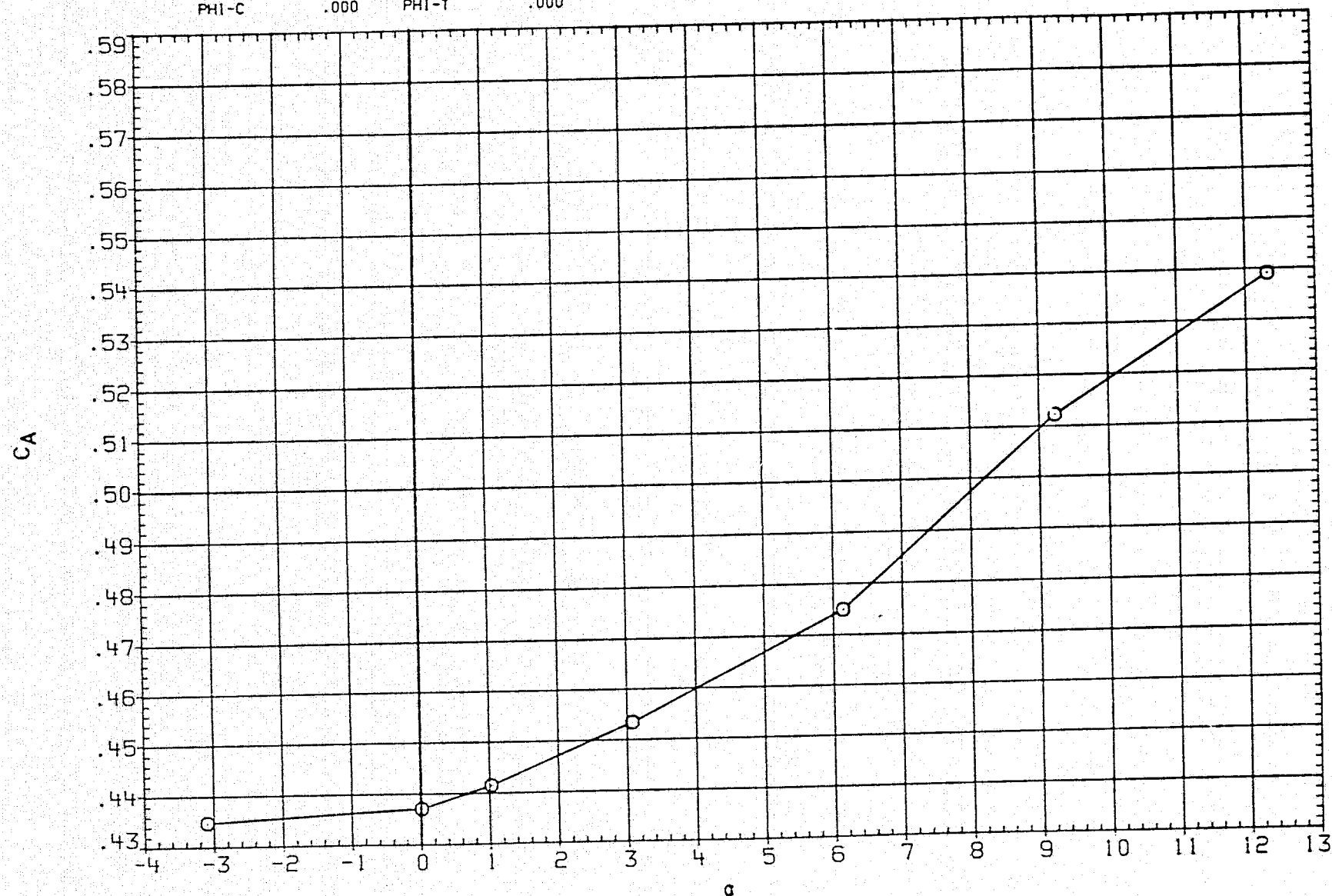


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ285)

CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.500 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 6.000 D4 6.000
△	CYB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

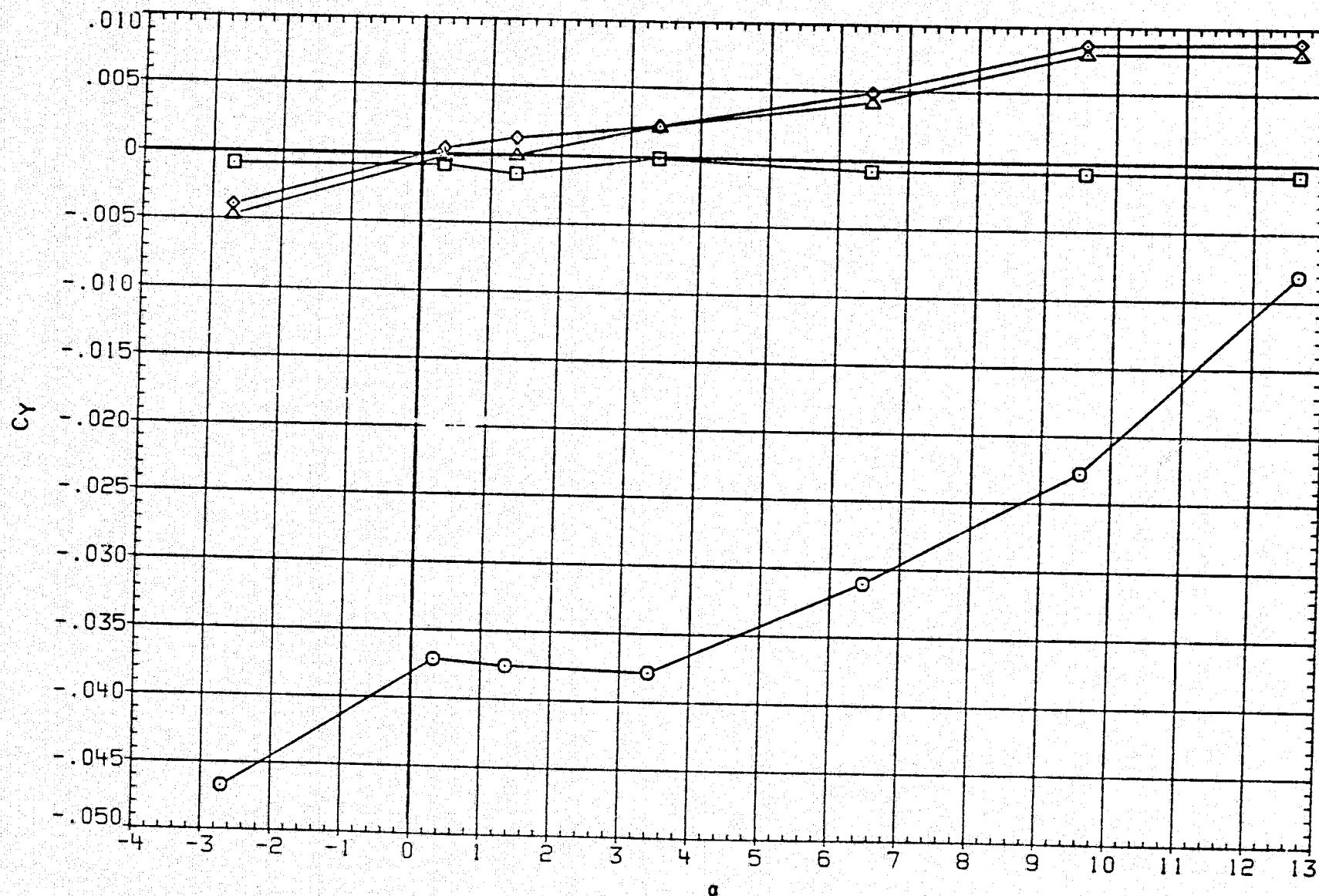


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ285) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 SETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 6.000 D4 6.000
△	CYB	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

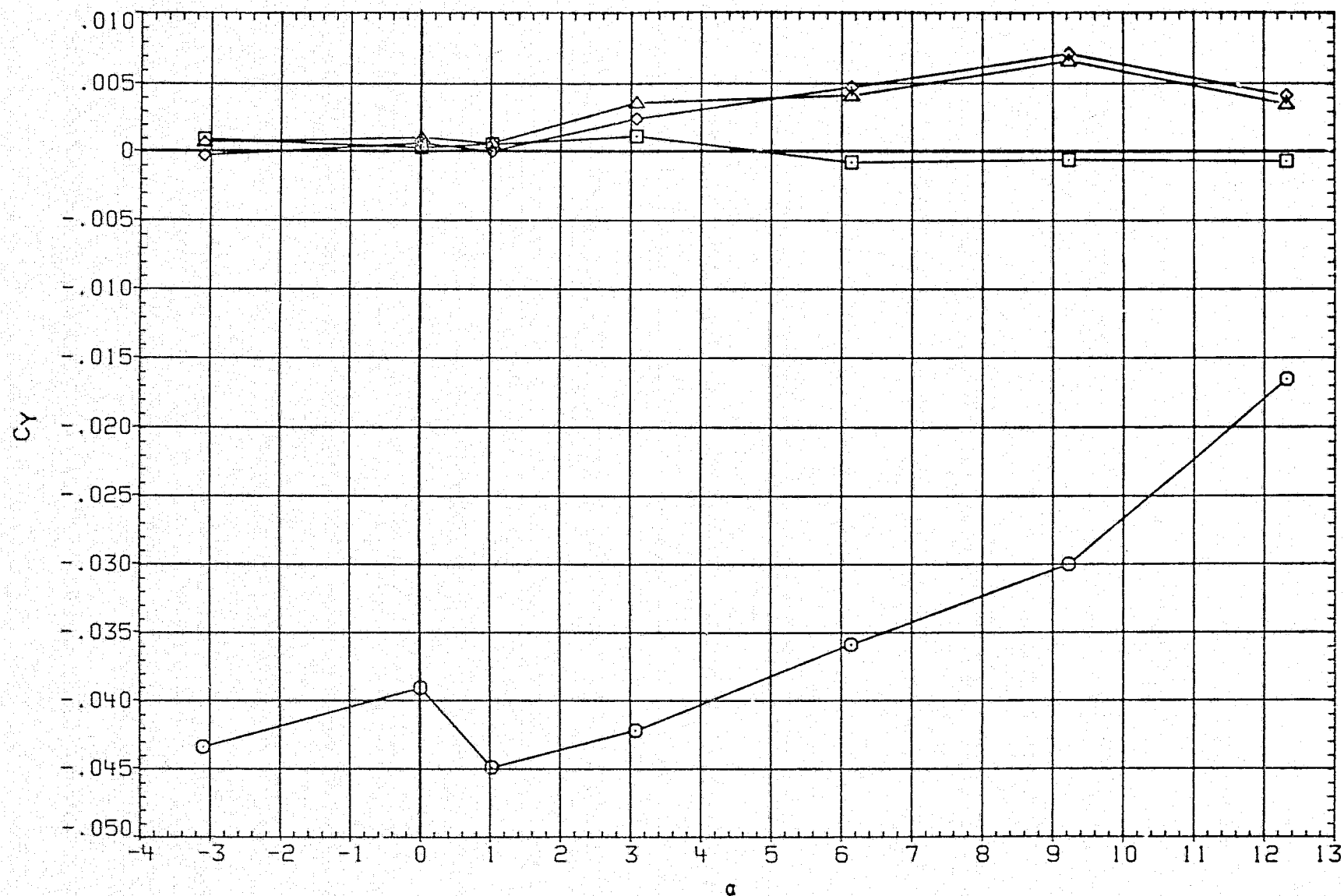


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ285) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CYM	1.500	D1	.000	
□	CYMC	.000	D3	.000	
◇	CYMT	6.000	D4	6.000	
△	CYMB	.000	D2-4	6.000	
		PHI-C	.000	PHI-T	.000

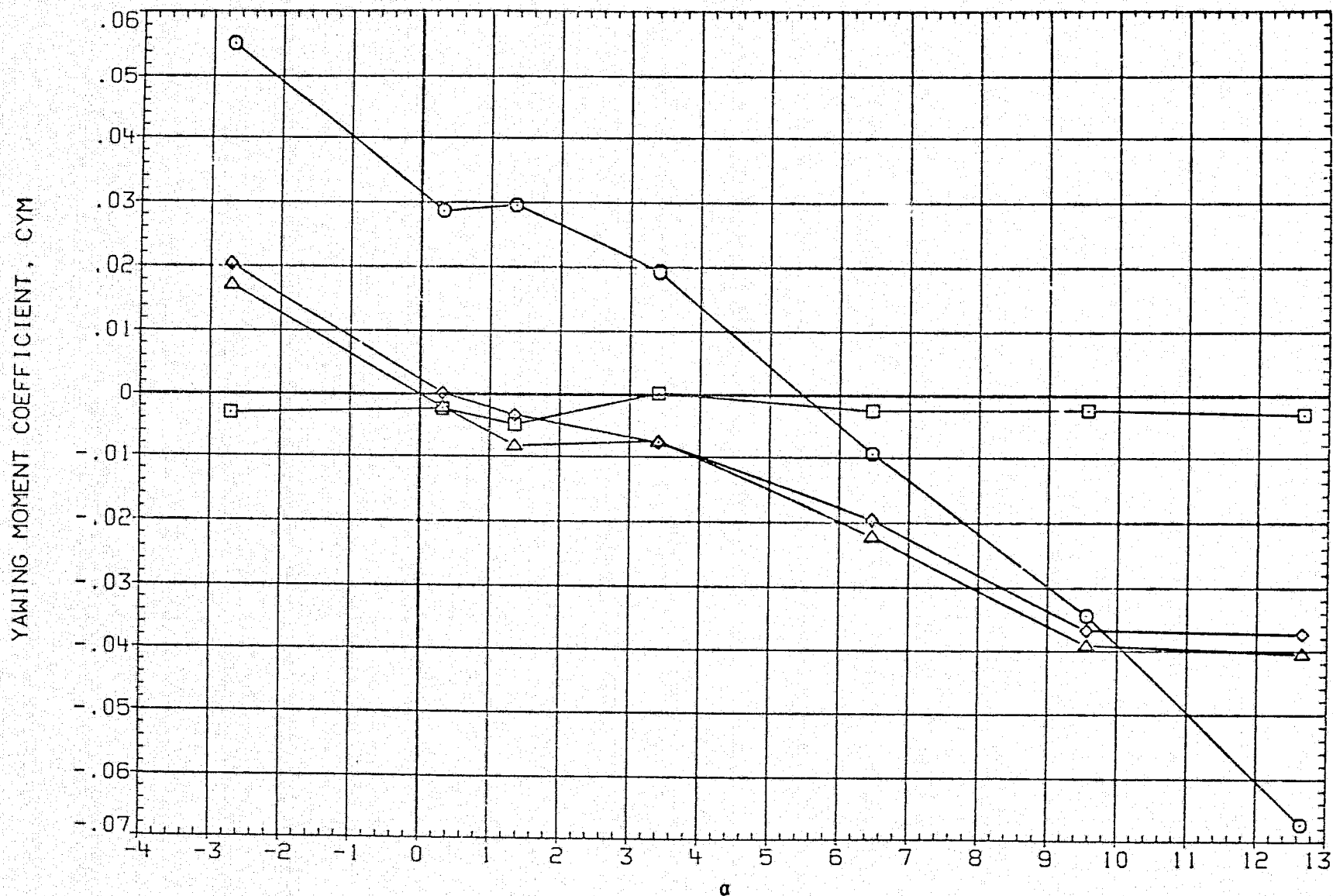


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ285) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.995 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 6.000 D4 6.000
△	CYMB	D1-3 .000 D2-4 6.000
	CYMB	PHI-C .000 PHI-T .000

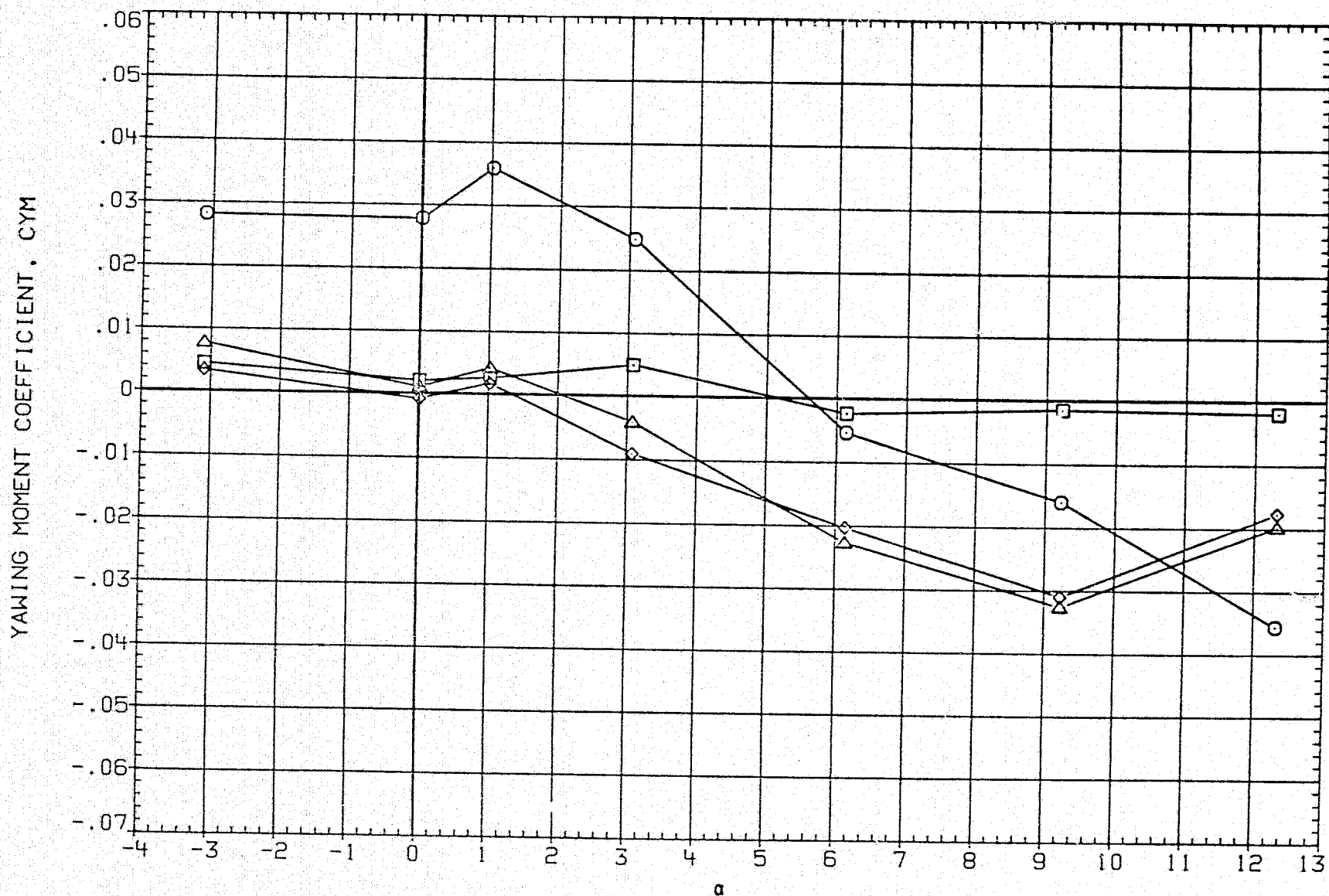


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ285)

CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.500 BETA .000
□	CRMC	D1 .000 D3 .000
◇	CRMT	D2 6.000 D4 6.000
△	CRMB	D1-3 .000 D2-4 6.000
	PHI-C	.000 PHI-T .000

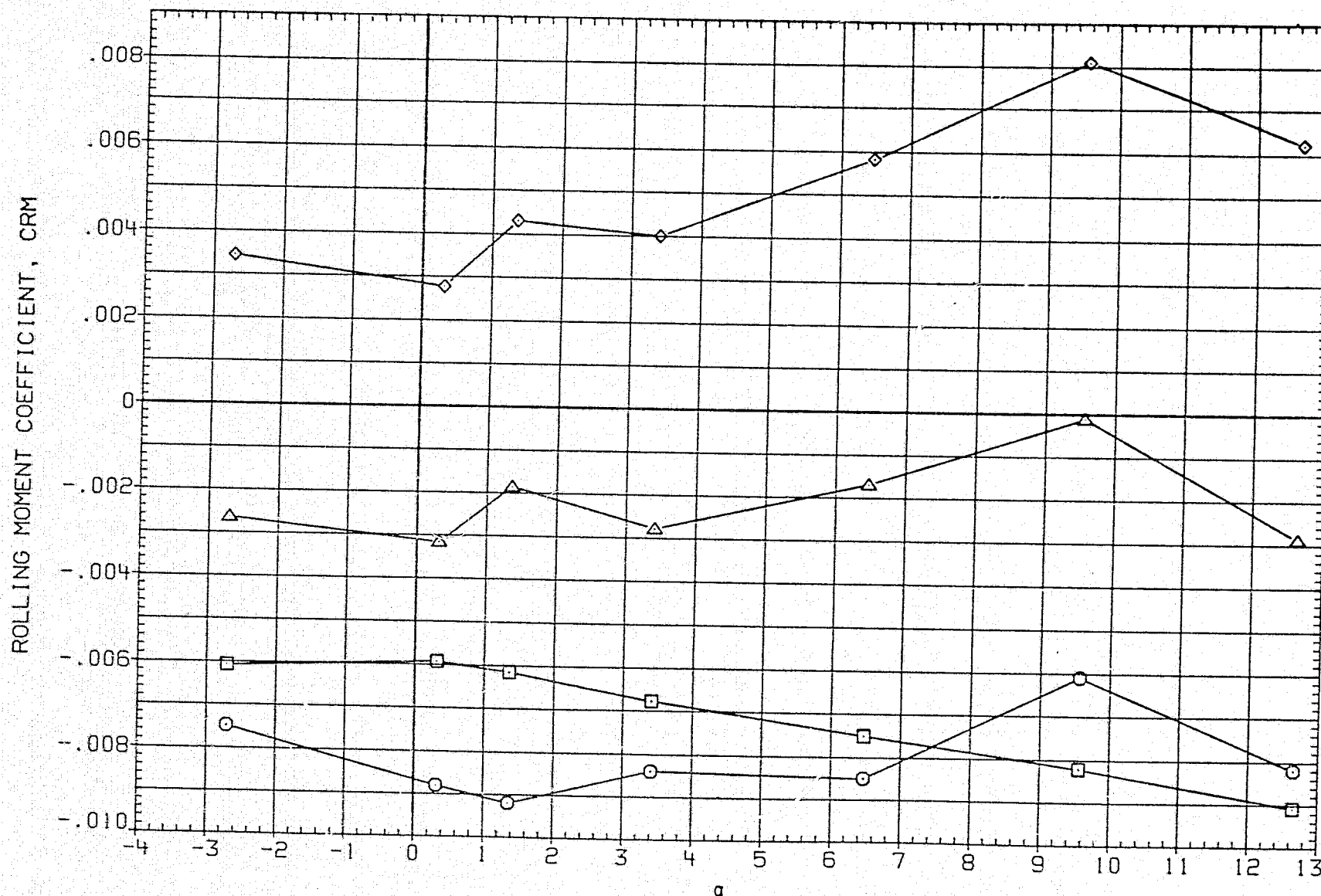


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ285) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.995 BETA .000
◇	CRMC	D1 .000 D3 .000
◇	CRMT	D2 6.000 D4 6.000
△	CRMS	D1-3 .000 D2-4 6.000
		PHI-C .000 PHI-T .000

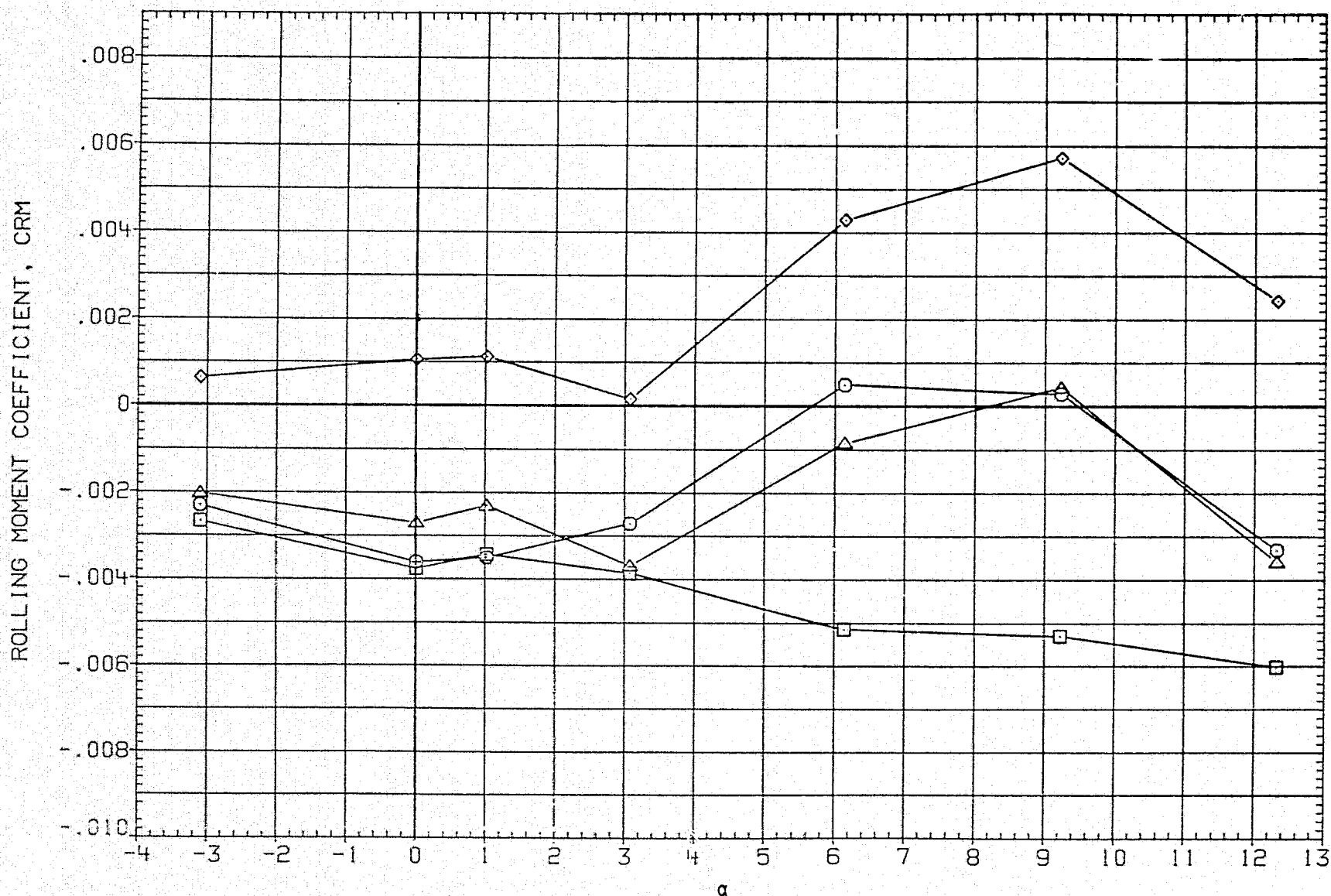


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ286)

CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.503 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 9.000 D4 9.000
△	CN3	U1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

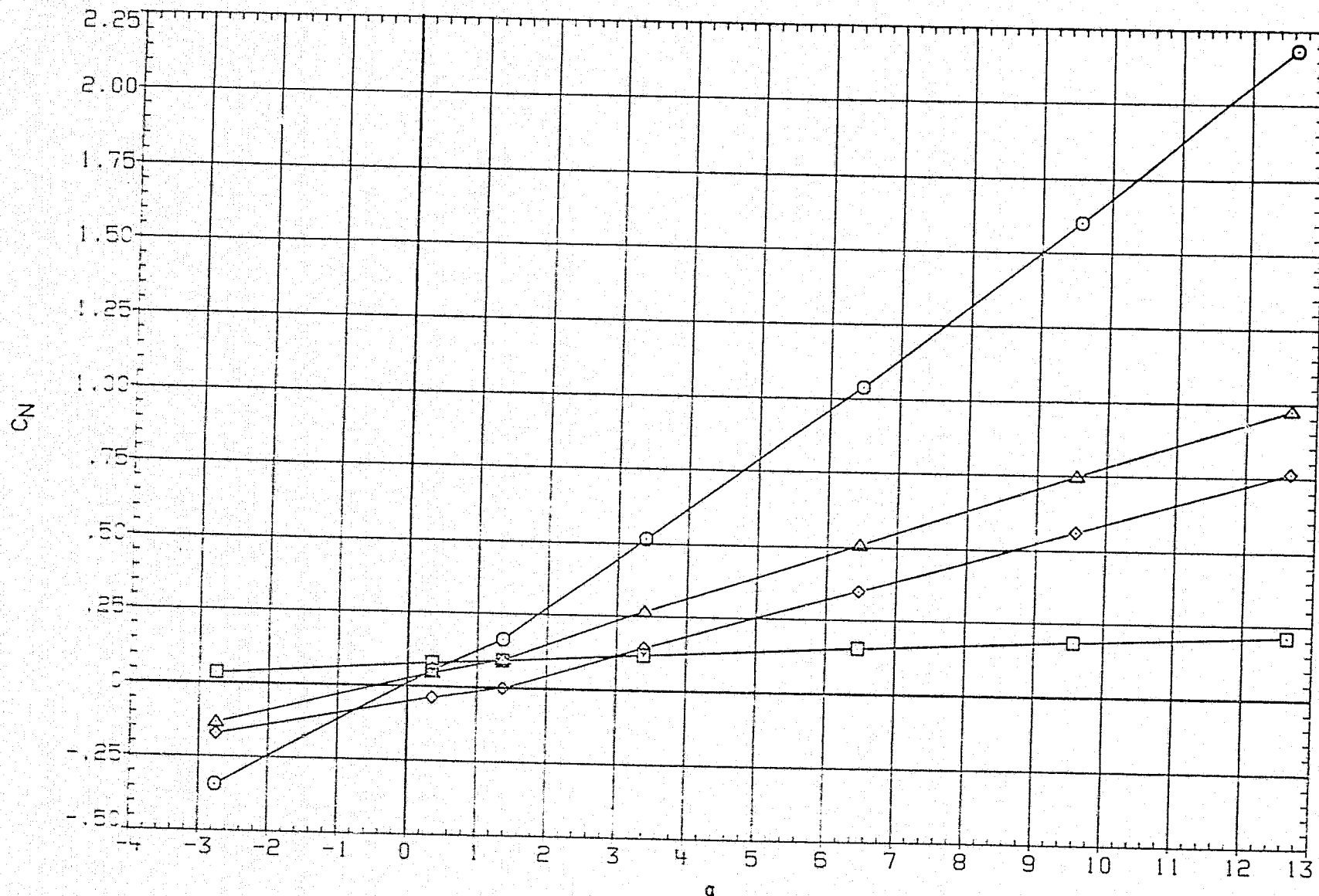


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ286) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CN	MACH	1.995	BETA	.000
□	CNC	D1	.000	D3	.000
◇	CNT	D2	9.000	D4	9.000
△	CNB	D1-3	.000	D2-4	9.000
		PHI-C	.000	PHI-T	.000

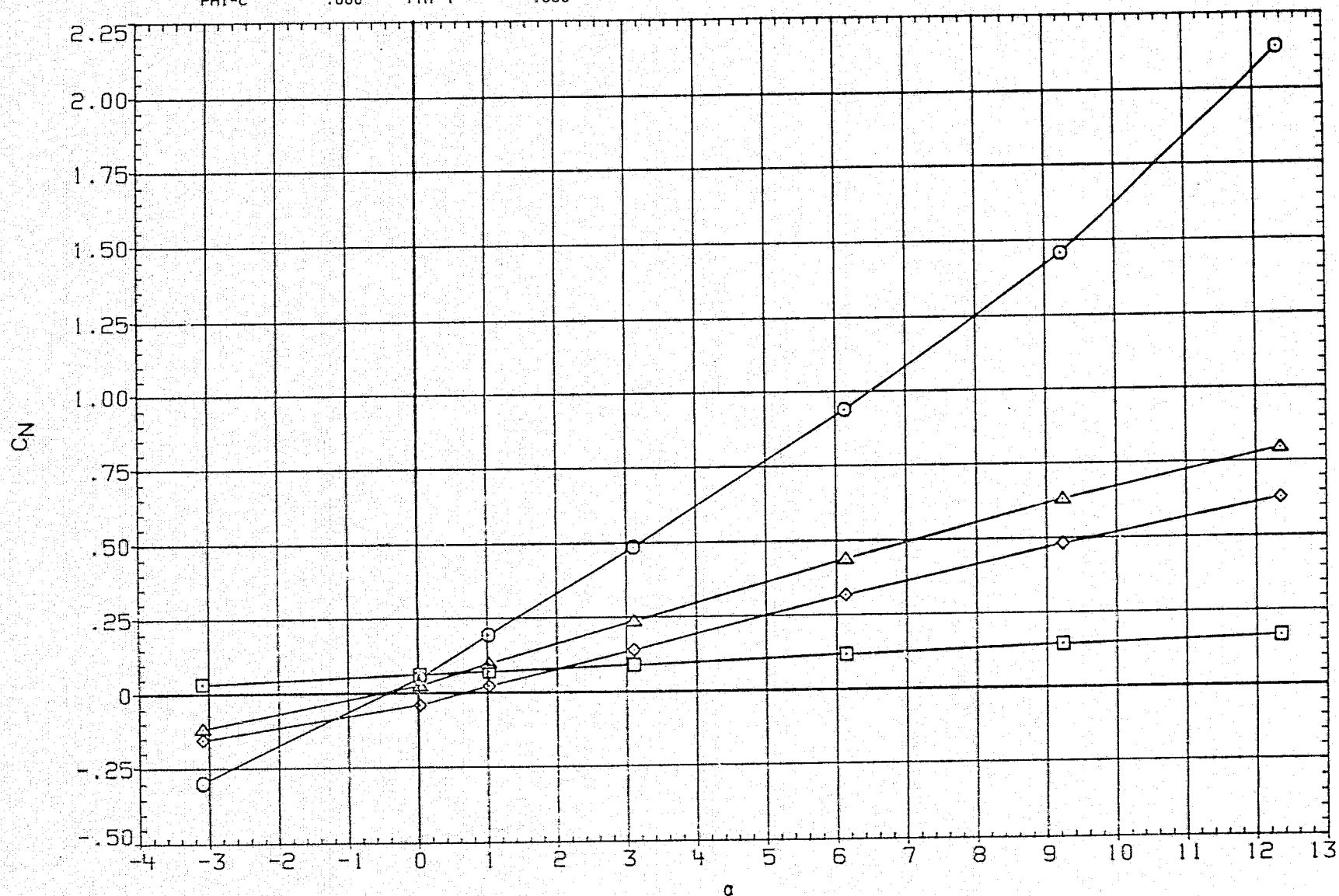


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ286) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.503 BETA .000
□	CMC	D1 .000 D3 .000
◇	CHT	D2 9.000 D4 9.000
△	CMB	D1-3 .000 D2-4 9.000
	PHI-C	.000 PHI-T .000

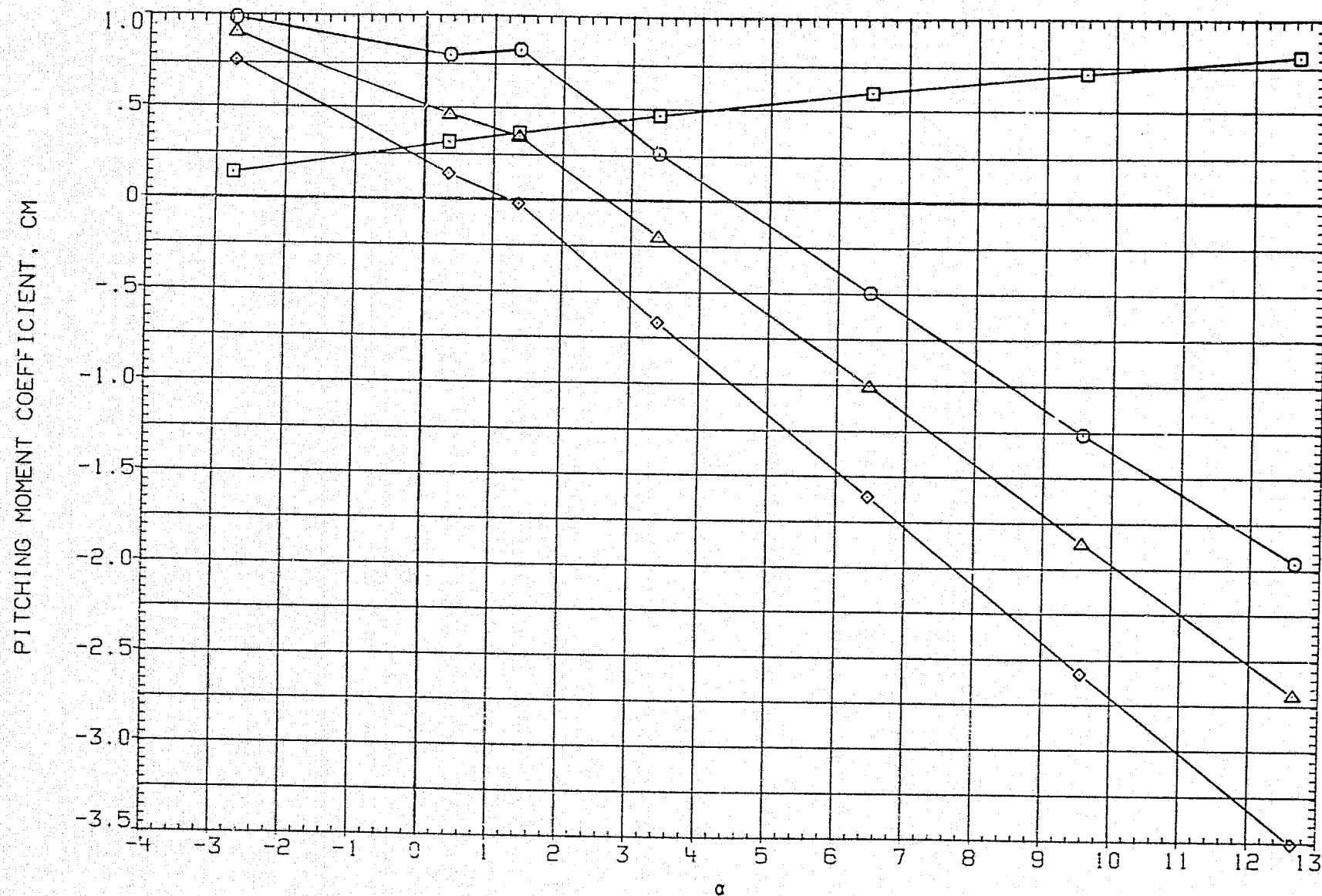


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ286) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.995 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 9.000 D4 9.000
△	CMB	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

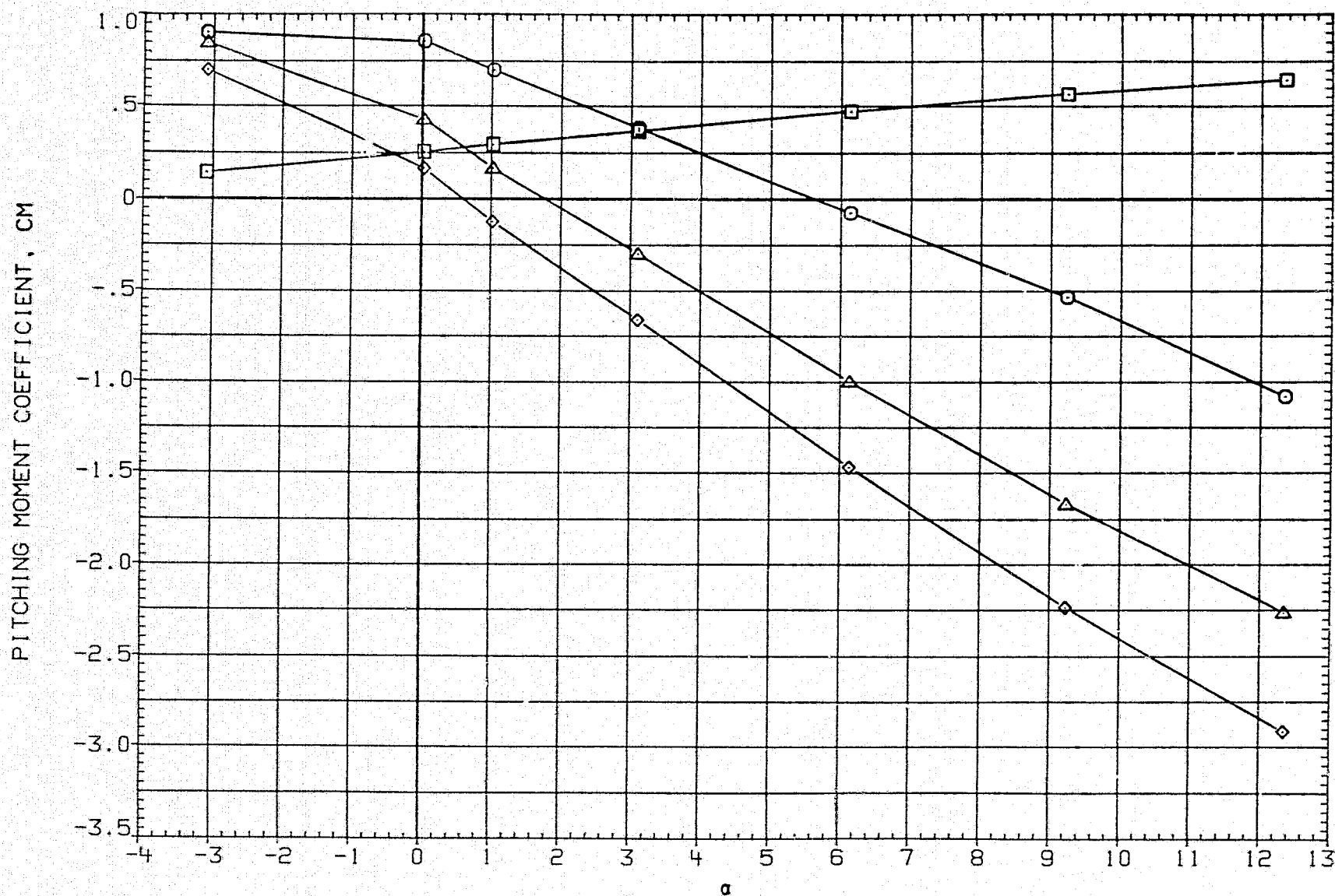


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ286)

CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.503	BETA	.000
		D1	.000	D3	.000
		D2	9.000	D4	9.000
		D1-3	.000	D2-4	9.000
		PHI-C	.000	PHI-T	.000

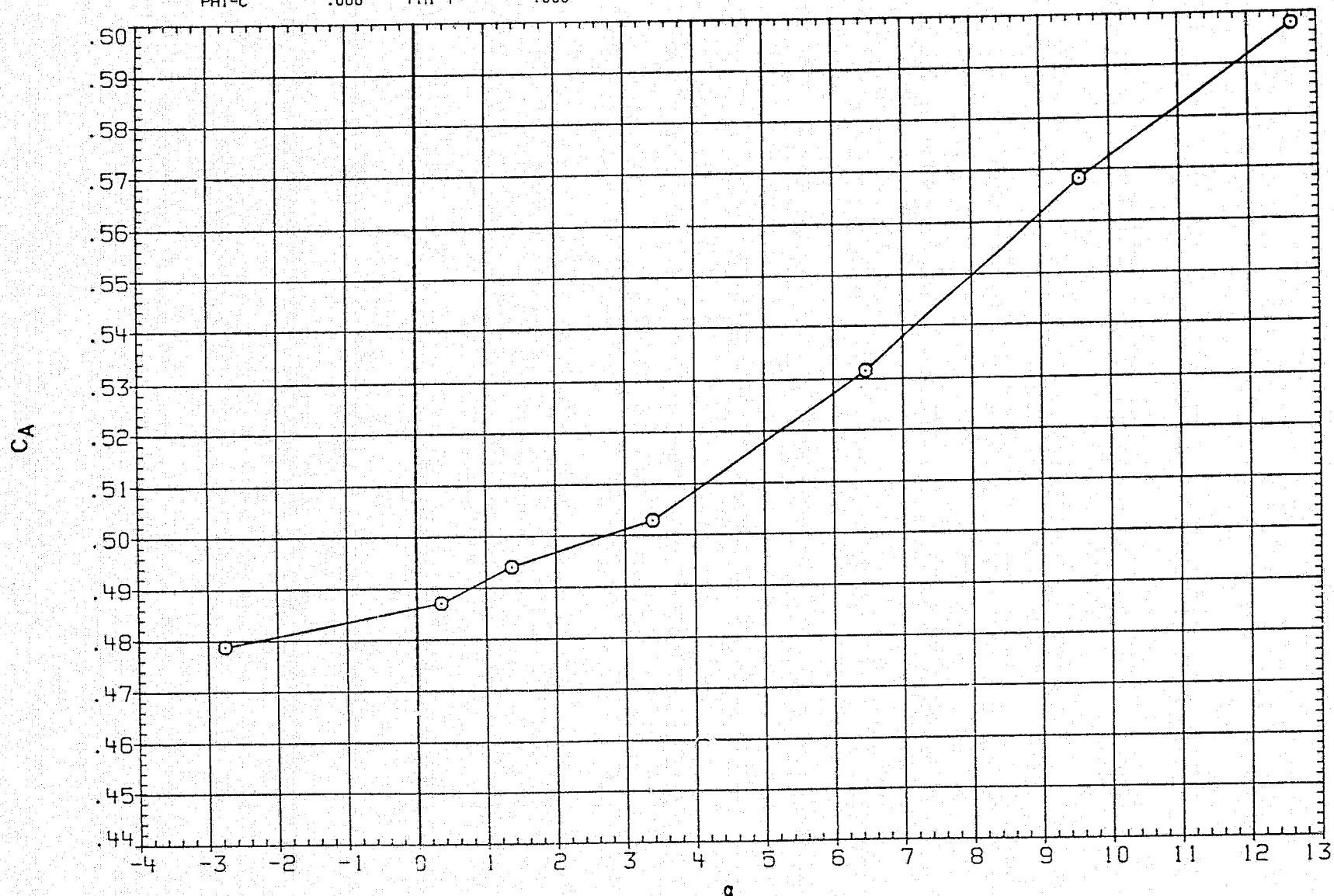


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ286) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.995	BETA	.000
		D1	.000	D3	.000
		D2	9.000	D4	9.000
		D1-3	.000	D2-4	9.000
		PHI-C	.000	PHI-T	.000

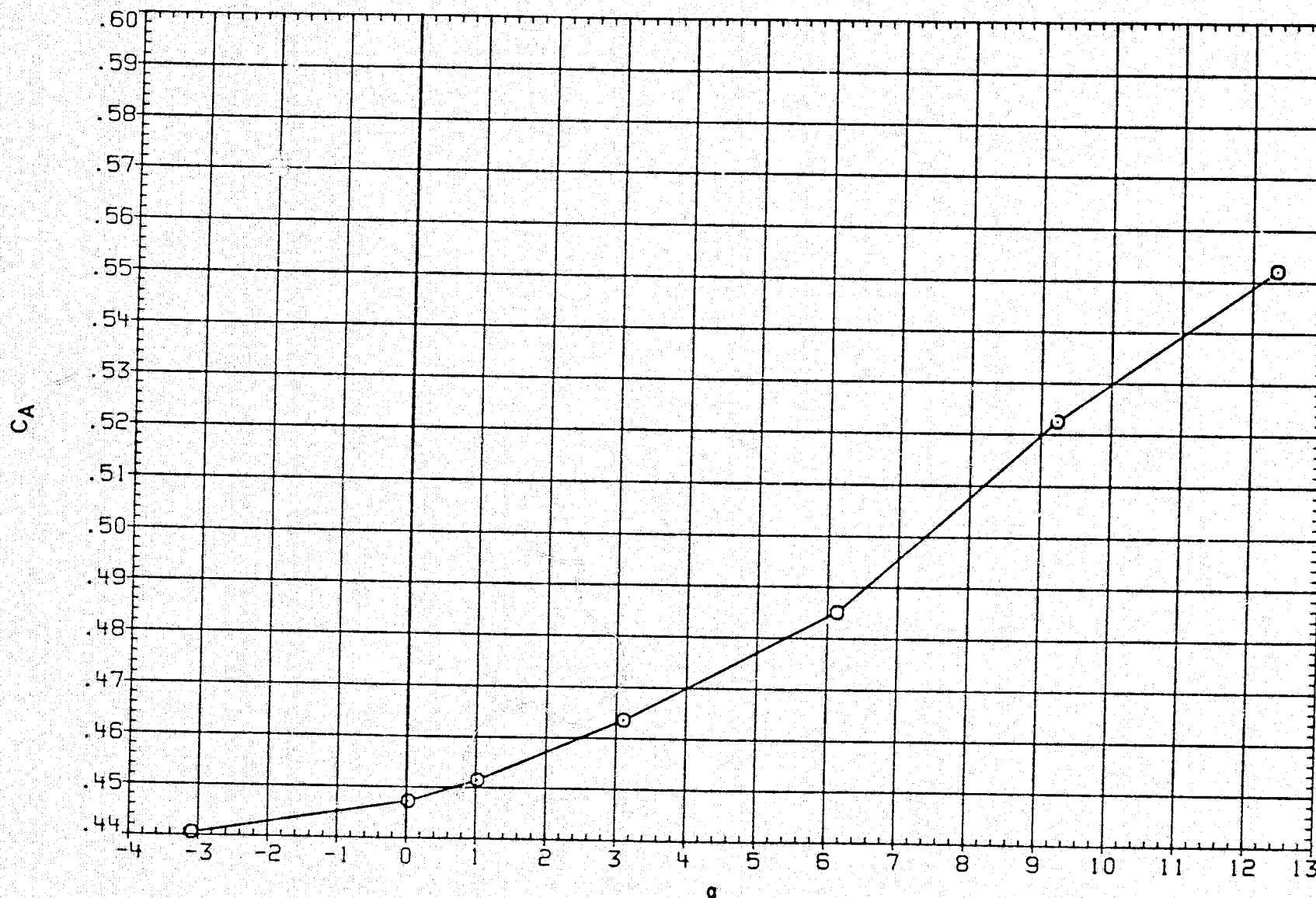


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ286) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	VALUES
○	CY	01	1.503	BETA	.000
◇	CYC	02	.000	D3	.000
◇	CYT	02	9.000	D4	9.000
△	CYB	01-3	.000	D2-4	9.000
		PHI-C	.000	PHI-T	.000

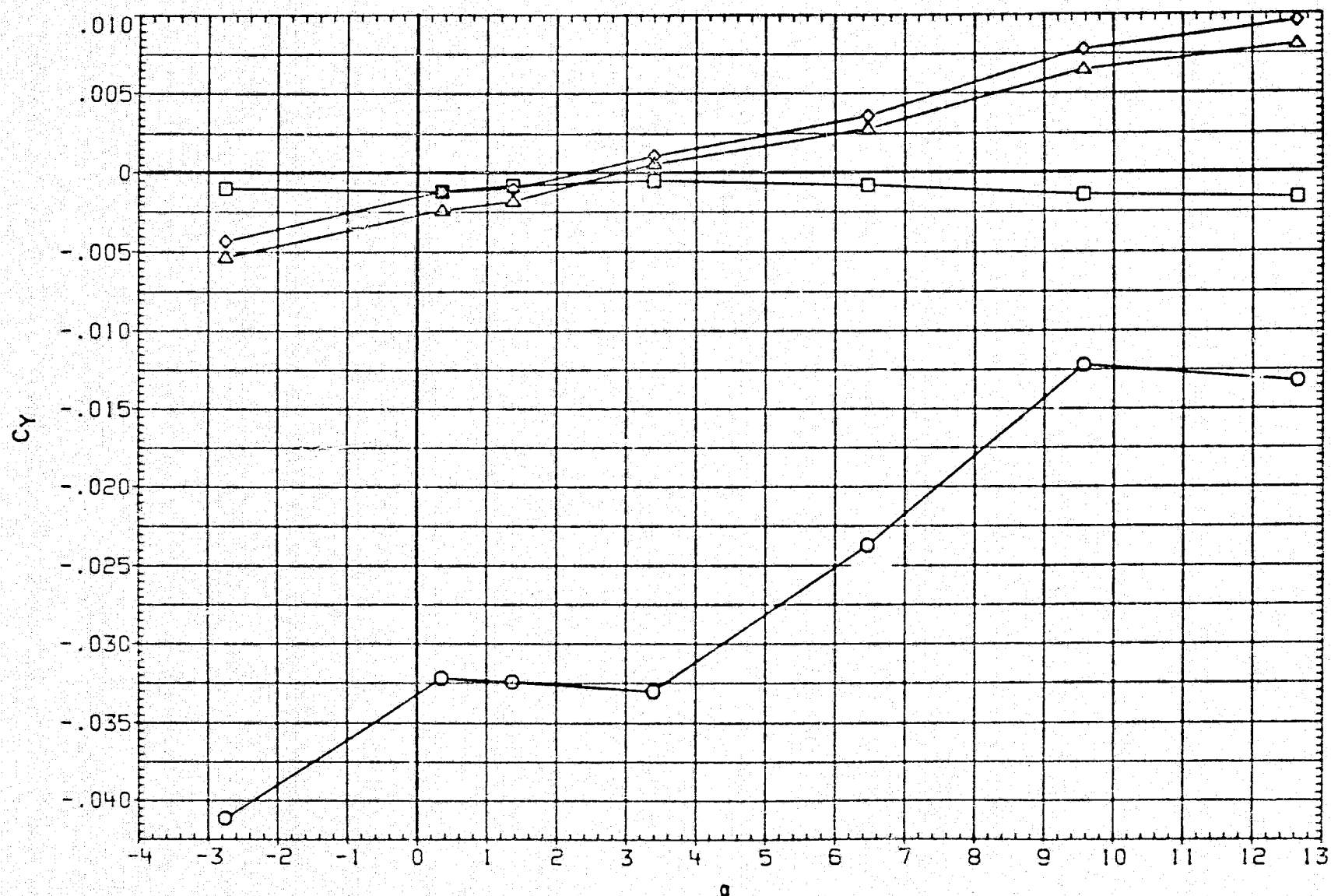


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ286) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 9.000 D4 9.000
△	CYB	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

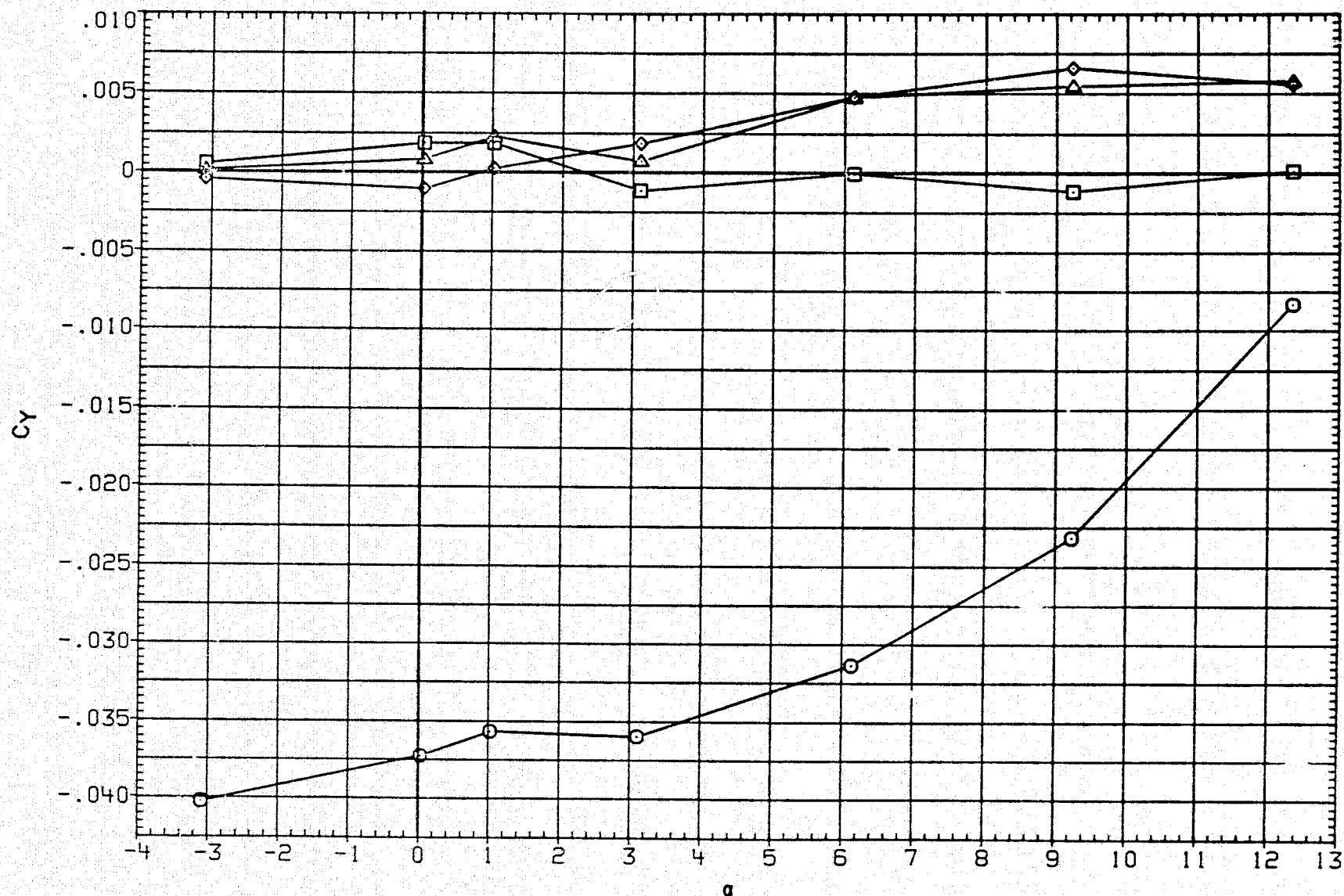


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ286) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.503 BETA .000
◇	CYMC	D1 .000 D3 .000
△	CYMT	D2 9.000 D4 9.000
□	CYMB	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

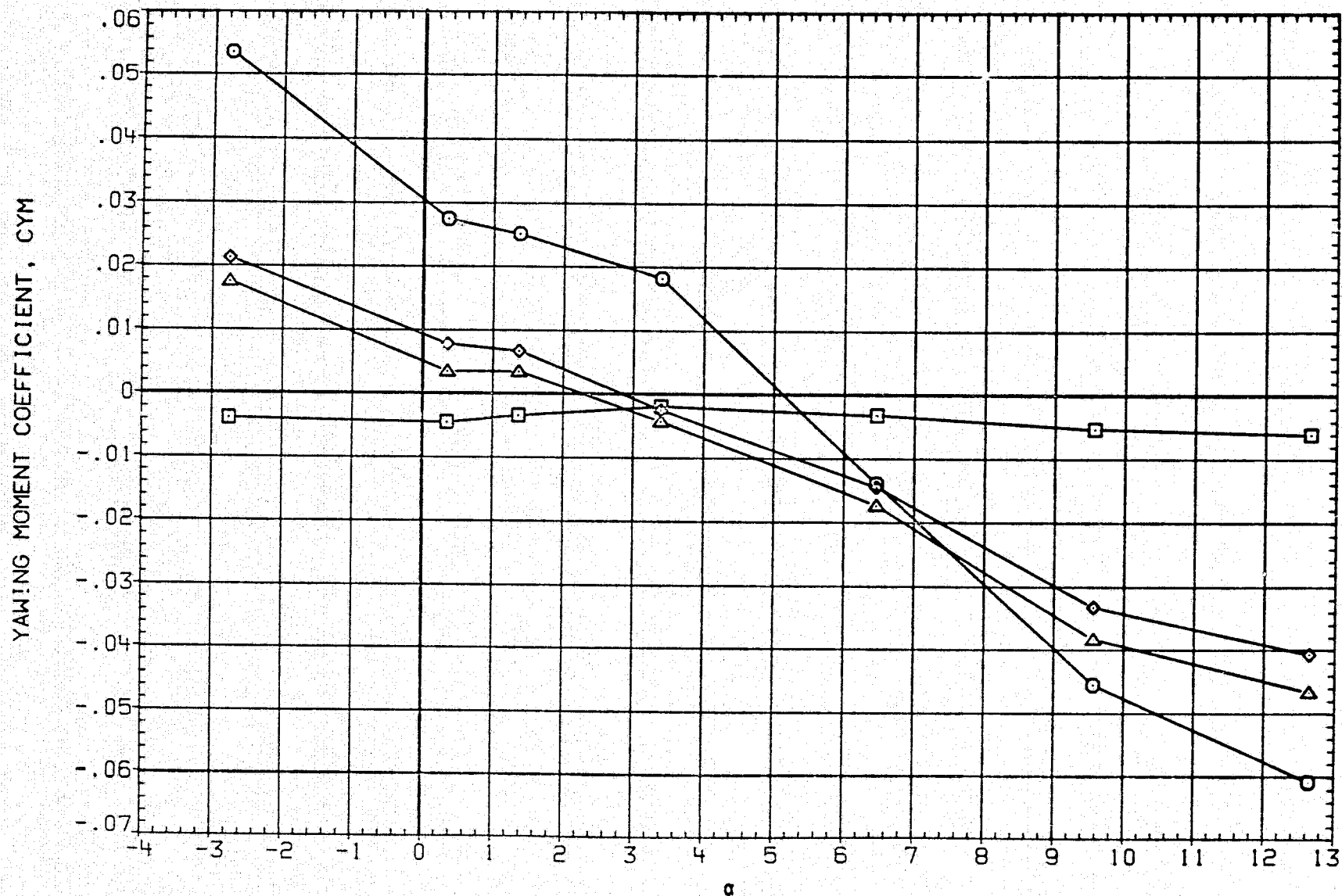


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ286) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
◇	CYM	MACH 1.995 BETA .000
○	CYMC	D1 .000 D3 .000
□	CYMT	D2 9.000 D4 9.000
△	CYMB	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

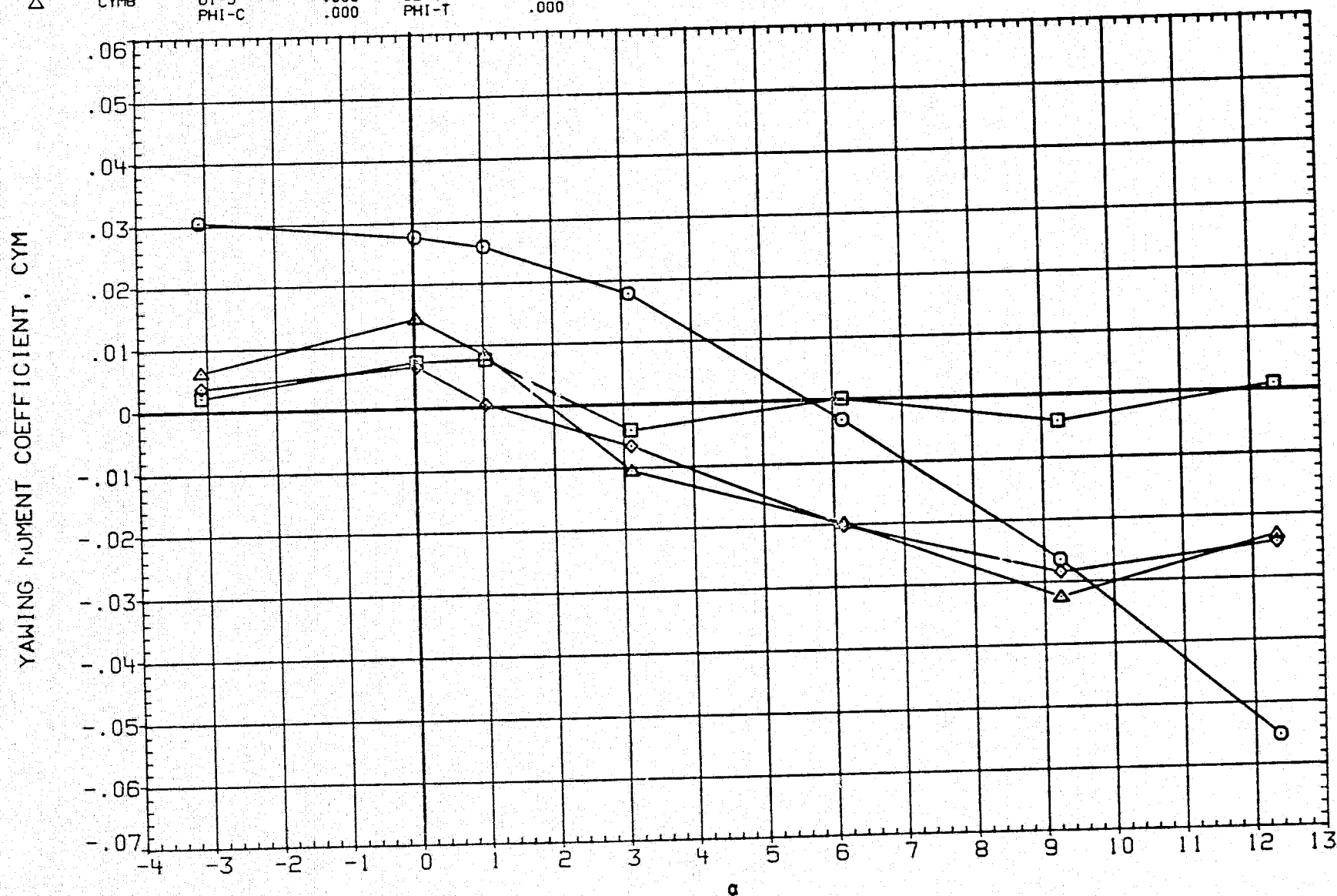


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ286) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.503 BETA .000
□	CRM-C	D1 .000 D3 .000
◇	CRM-T	D2 9.000 D4 9.000
△	CRM-B	D1-3 .000 D2-4 9.000
		PHI-C .000 PHI-T .000

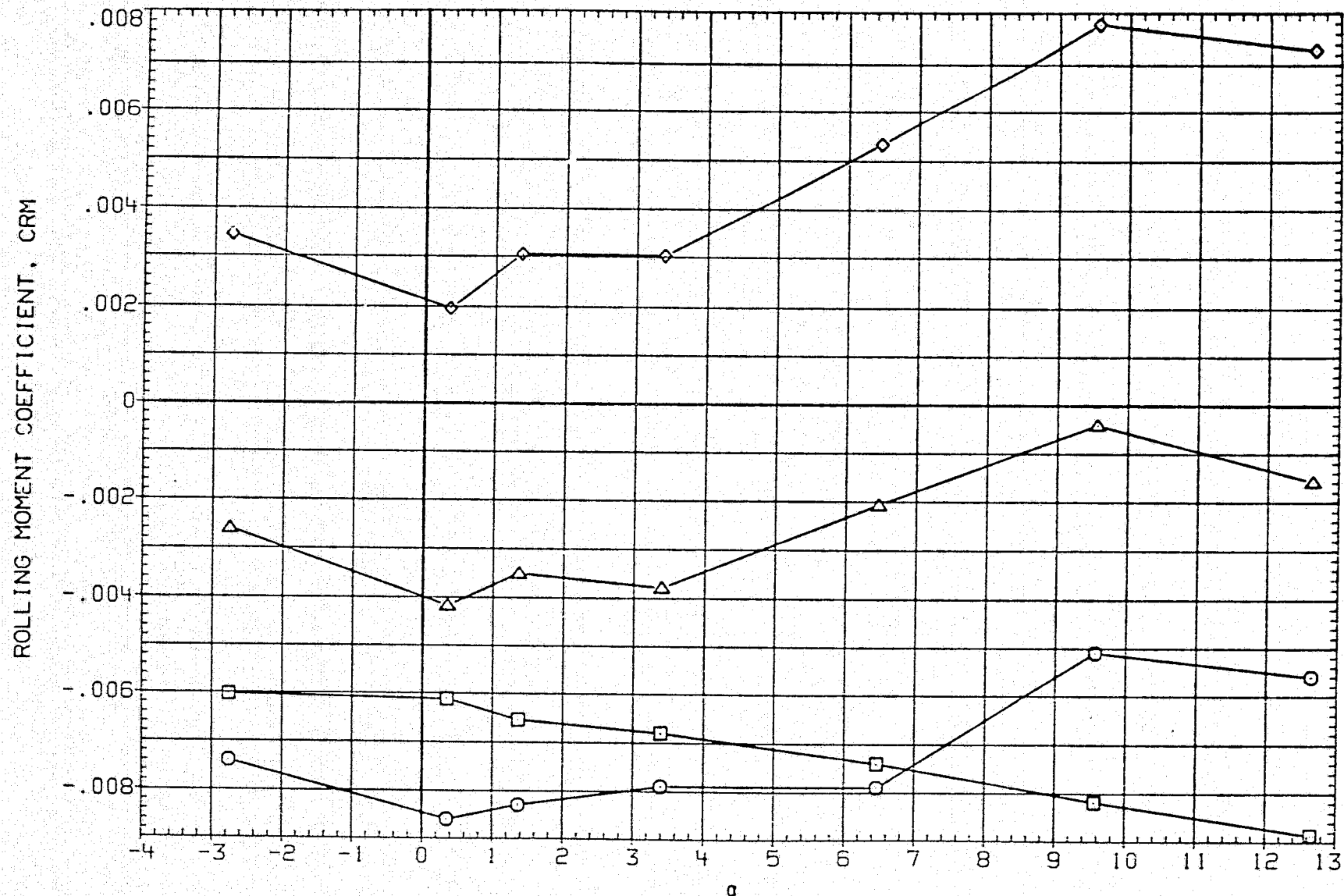


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ286) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.995 BETA .000
□	CRM/C	D1 .000 D3 .000
◇	CRMT	D2 9.000 D4 9.630
△	CRMB	D1-3 .000 D2-4 9.000
	PHI-C	.000 PHI-T .000

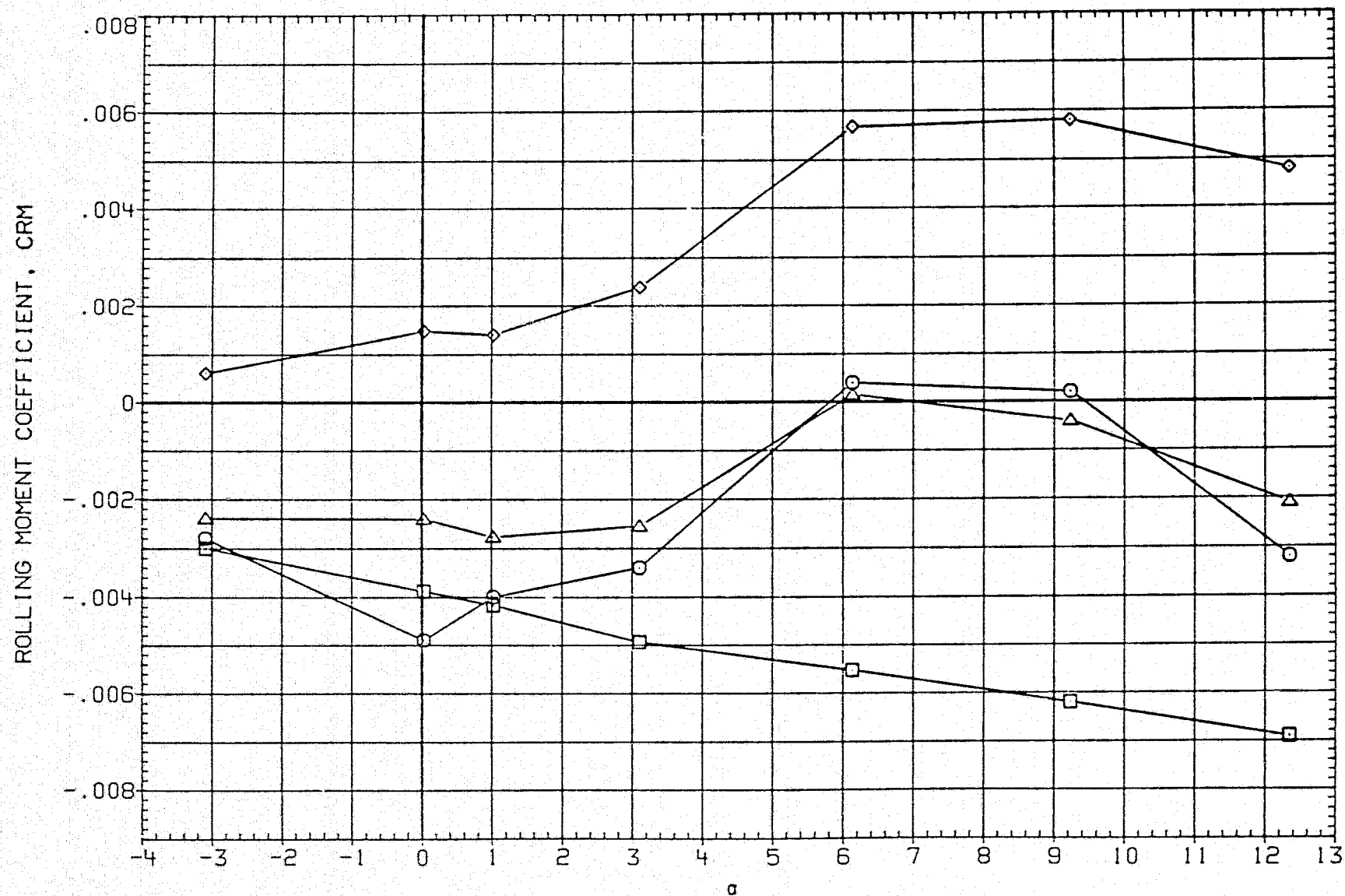


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ287)

CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.501 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 12.000 D4 12.000
△	CN8	D1-3 .000 D2-4 12.000
		PHI-C .000 PHI-T .000

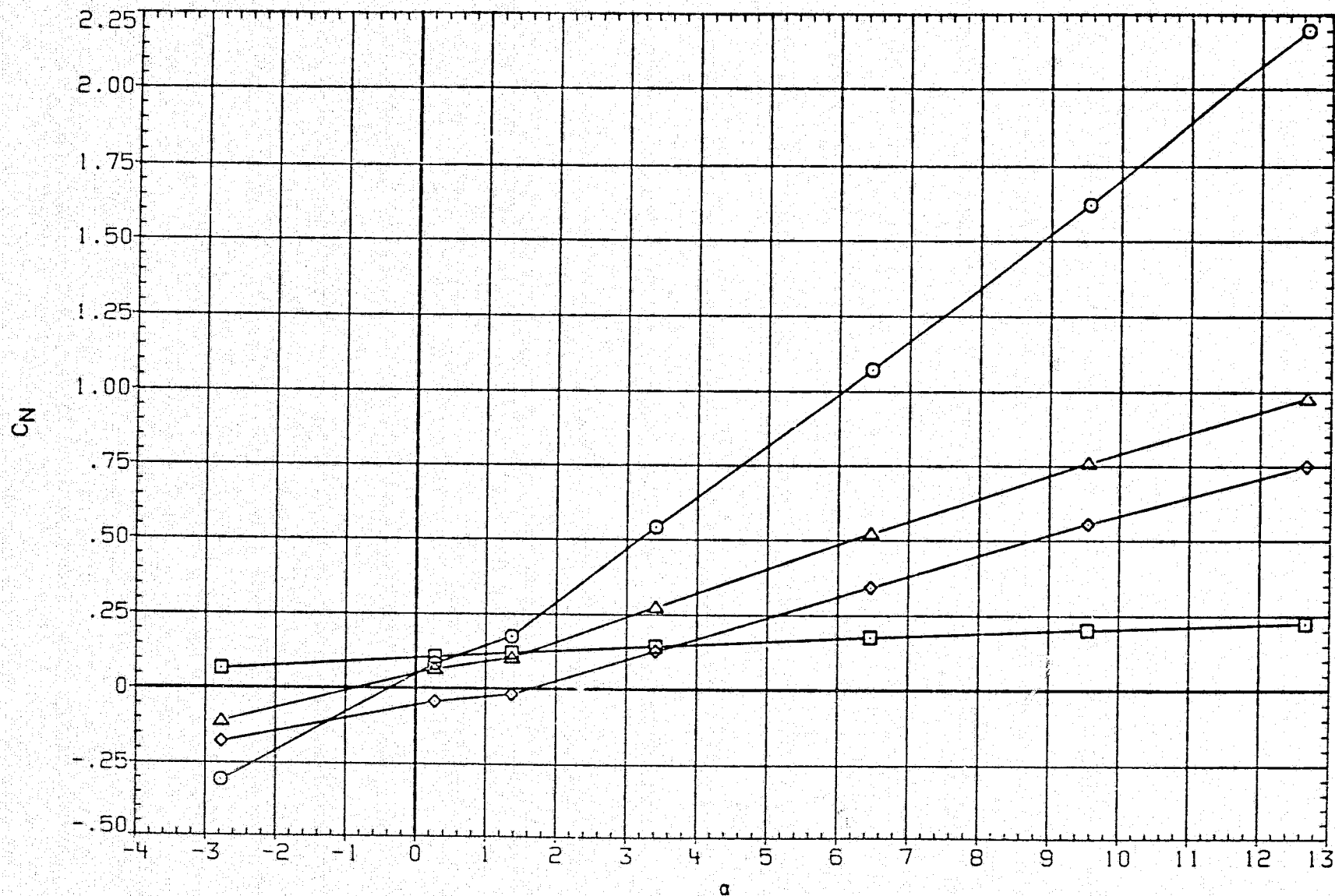


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ287) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CN	MACH 1.995 BETA .000
□	CNC	D1 .000 D3 .000
◇	CNT	D2 12.000 D4 12.000
△	CNB	D1-3 .000 D2-4 12.000
		PHI-C .000 PHI-T .000

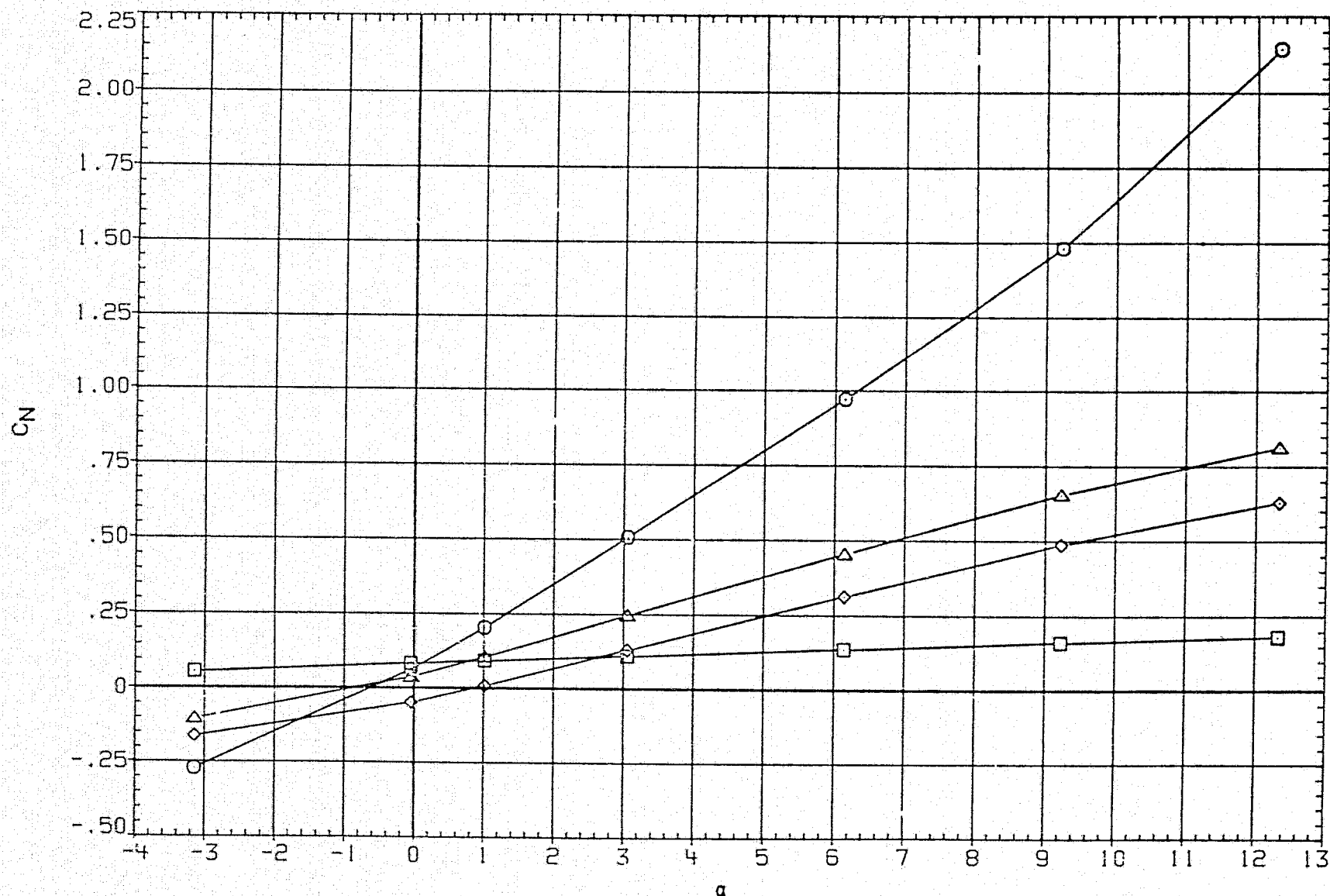


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ287) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	BETA	
○	CM	1.501		.000	
□	CMC	.000		D3	.000
◇	CMT	D2	12.000	D4	12.000
△	CMB	D1-3	.000	D2-4	12.000
		PHI-C	.000	PHI-T	.000

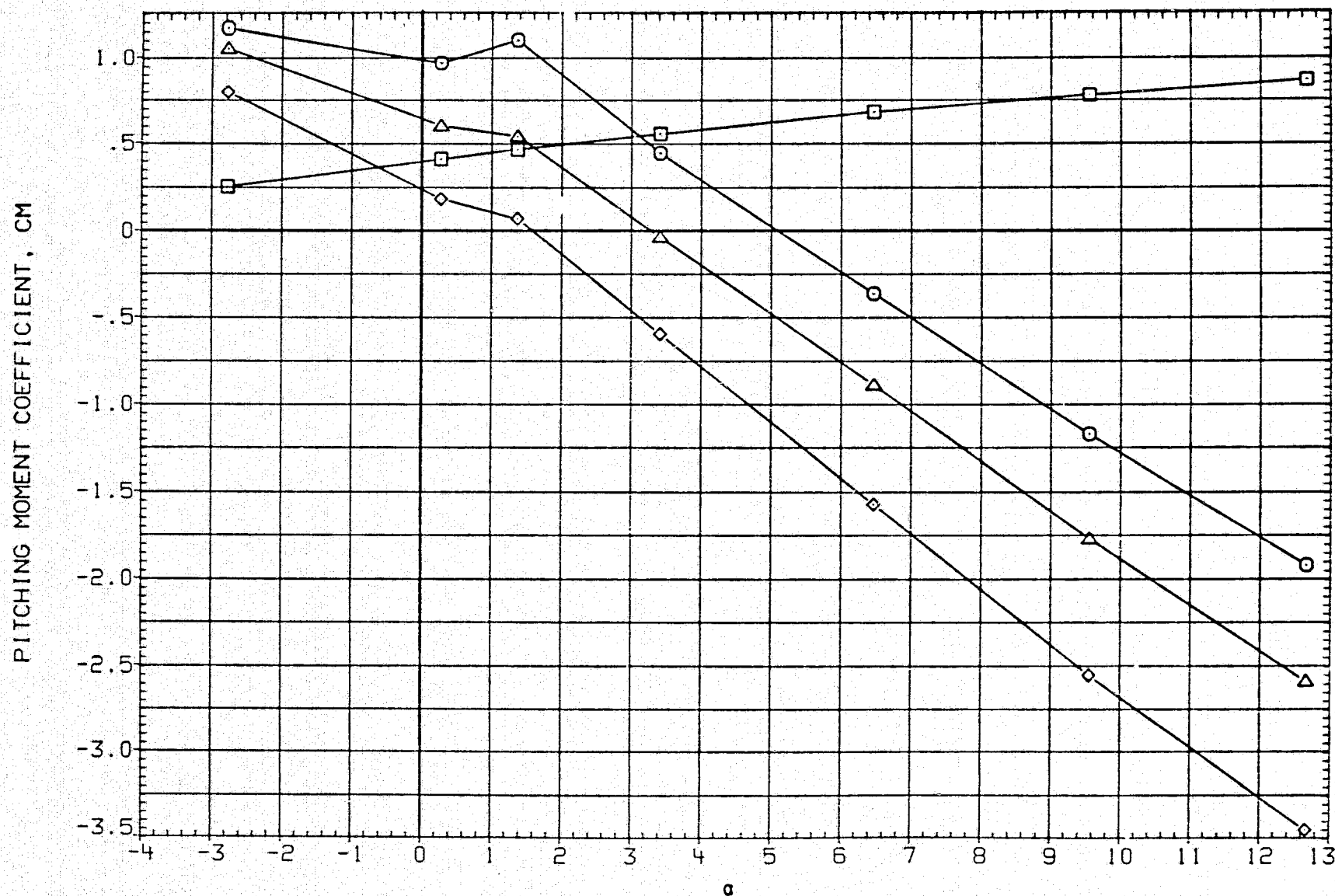


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ287) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.995 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 12.000 D4 12.000
△	CMB	D1-3 .000 D2-4 12.000
		PHI-C .000 PHI-T .000

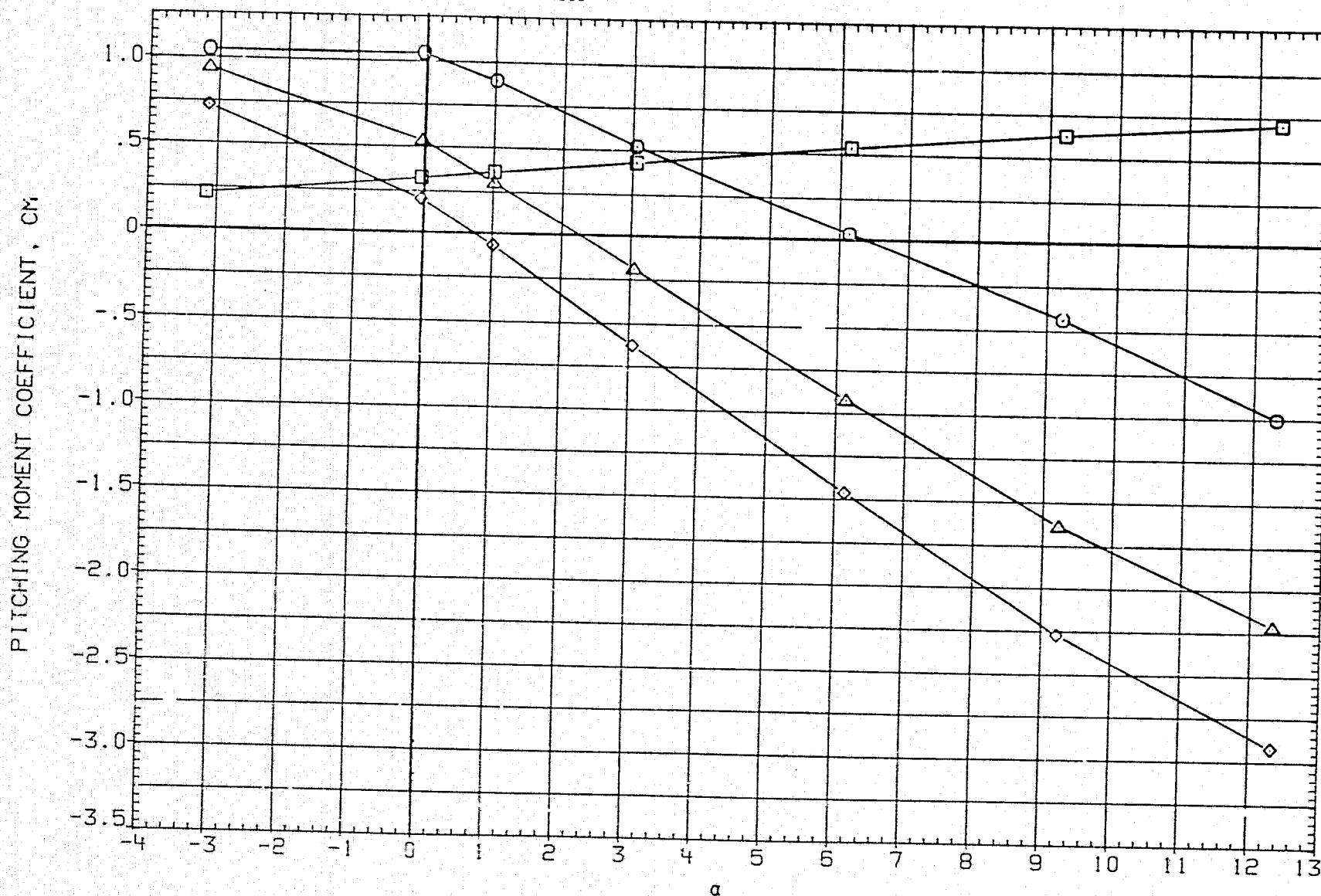


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ287) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.501	BETA	.000
		D1	.000	D3	.000
		D2	12.000	D4	12.000
		D1-3	.000	D2-4	12.000
		PHI-C	.000	PHI-T	.000

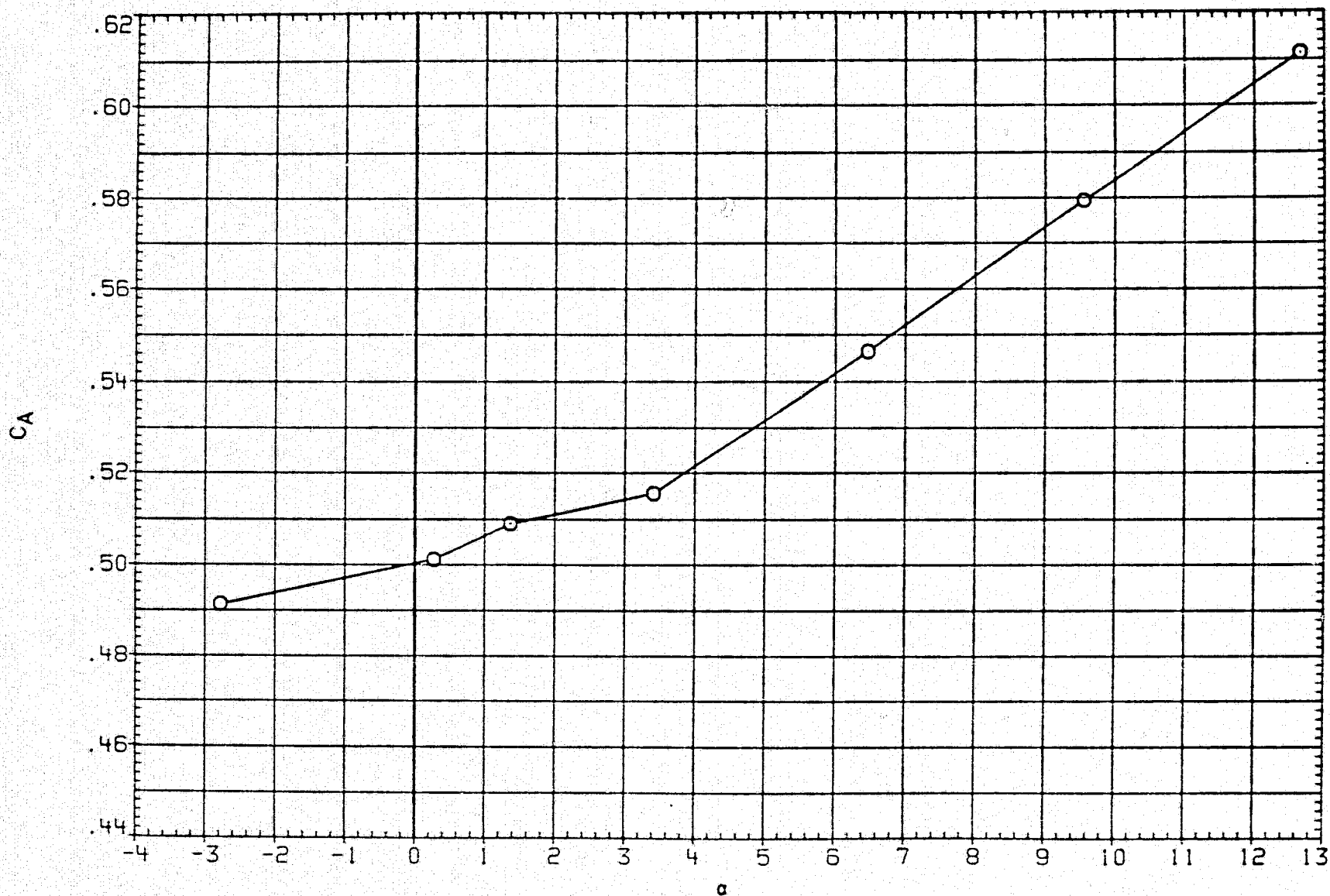


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(OEZ287) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
O	CA	MACH	1.995	BETA	.000
		D1	.000	D3	.000
		D2	12.000	D4	12.000
		D1-3	.000	D2-4	12.000
		PHI-C	.000	PHI-T	.000

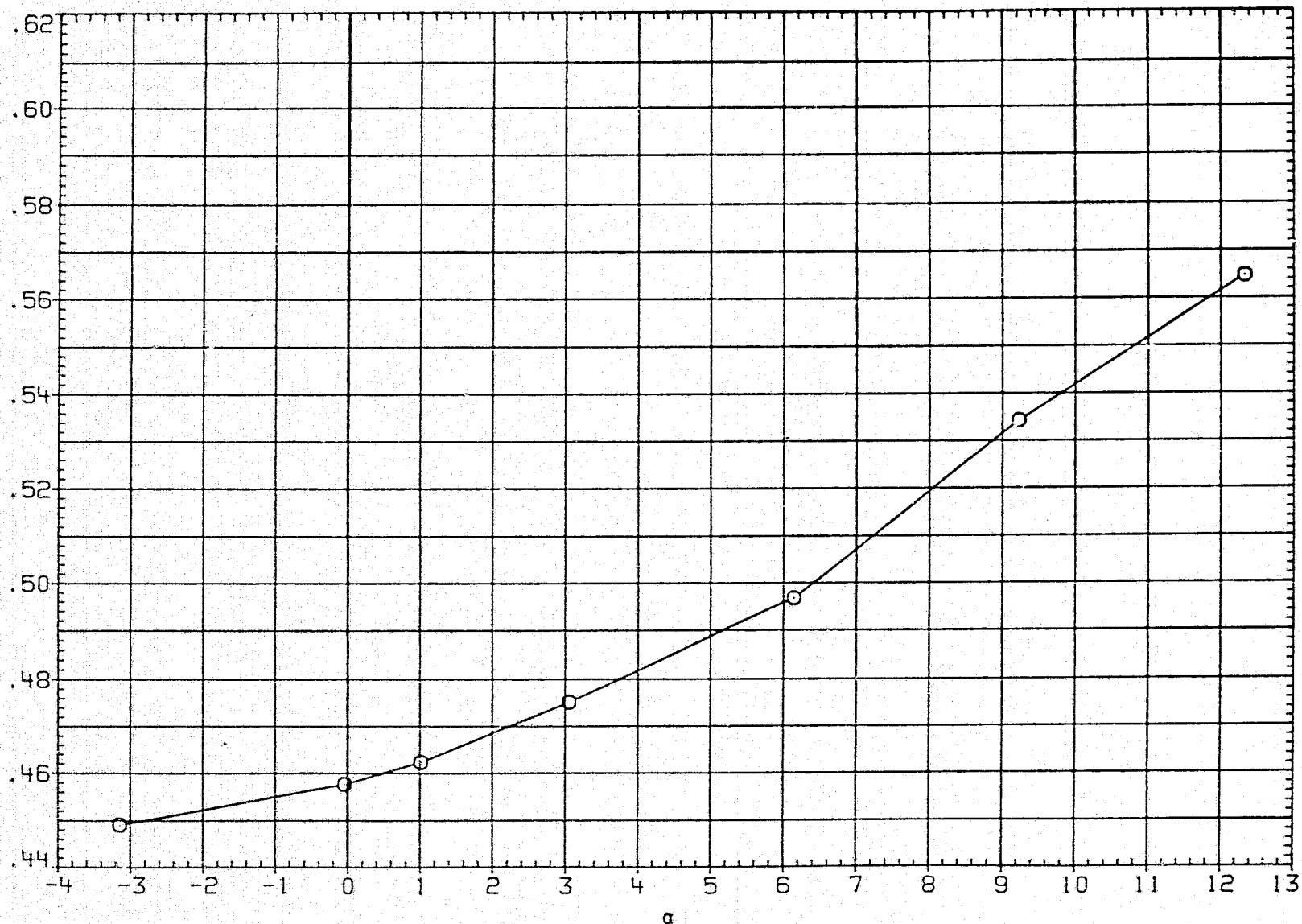


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ287)

CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES			
○	CY	MACH	1.501	BETA	.000
□	CYC	D1	.000	D3	.000
◇	CYT	D2	12.000	D4	12.000
△	CYB	D1-3	.000	D2-4	12.000
		PHI-C	.000	PHI-T	.000

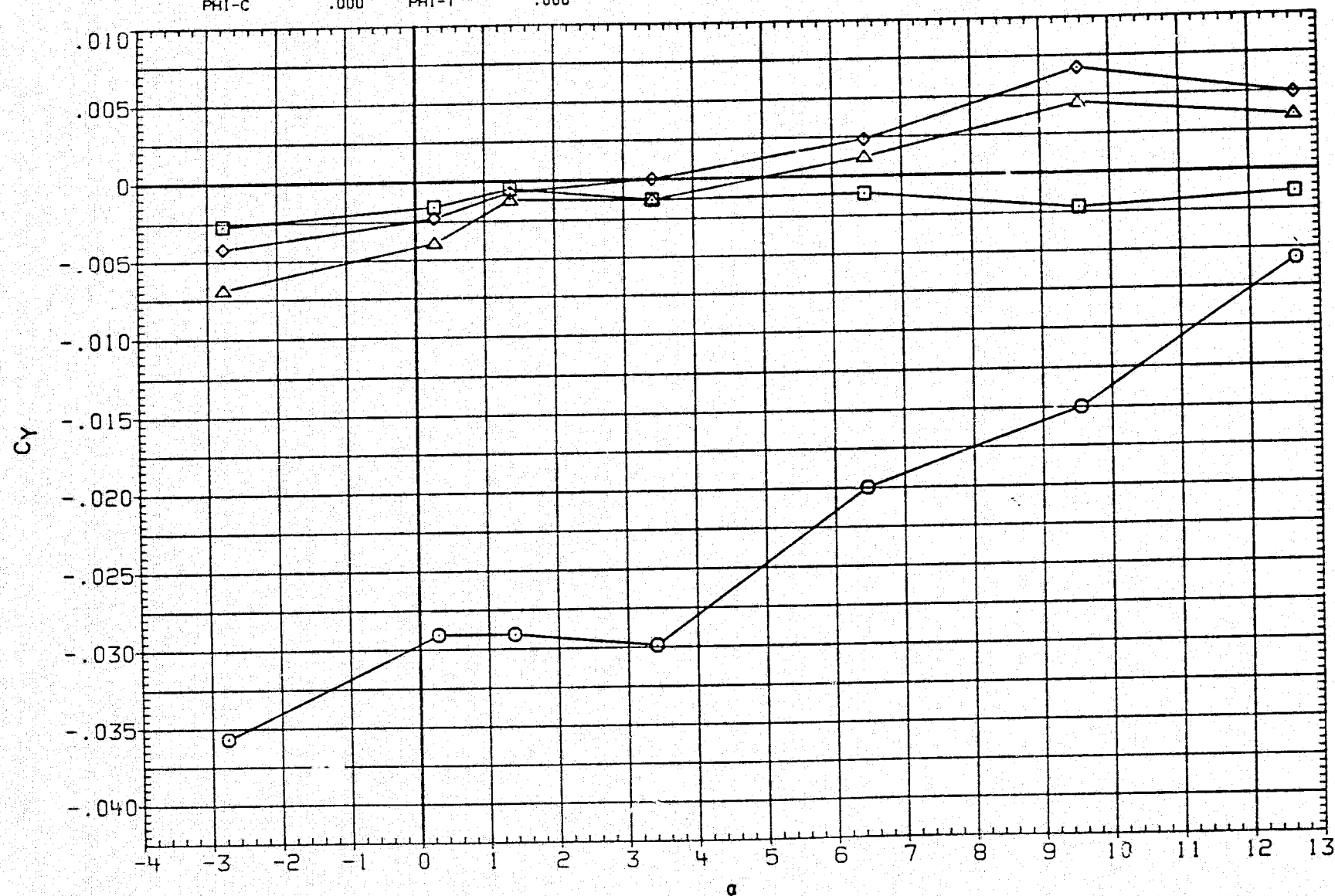


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ287) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CY	MACH 1.995 BETA .000
□	CYC	D1 .000 D3 .000
◇	CYT	D2 12.000 D4 12.000
△	CYB	D1-3 .000 D2-4 12.000
		PHI-C .000 PHI-T .000

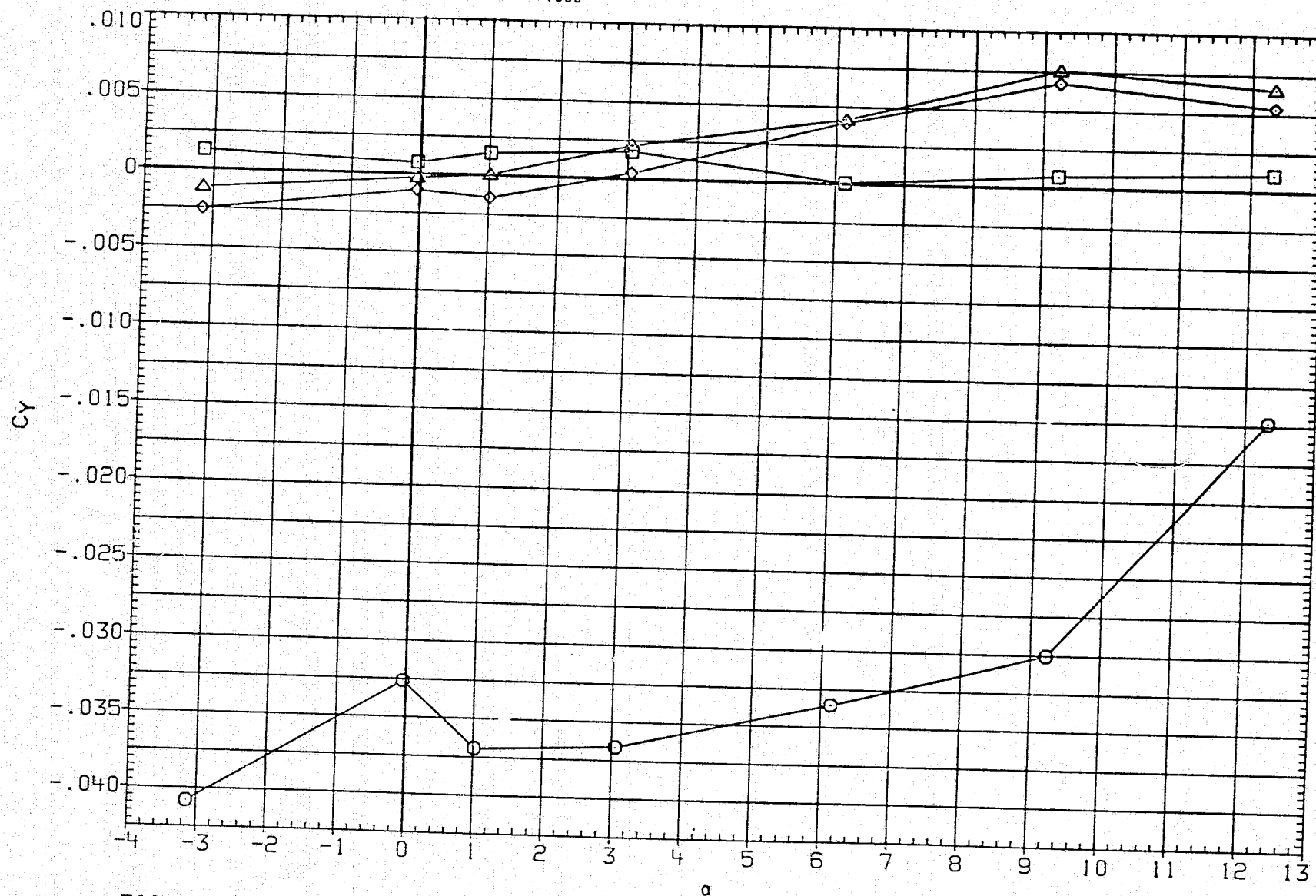


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ287) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.501 BETA .000
□	CYMC	D1 .000 D3 .000
◇	CYMT	D2 12.000 D4 12.000
△	CYMB	D1-3 .000 D2-4 12.000
		PHI-C .000 PHI-T .000

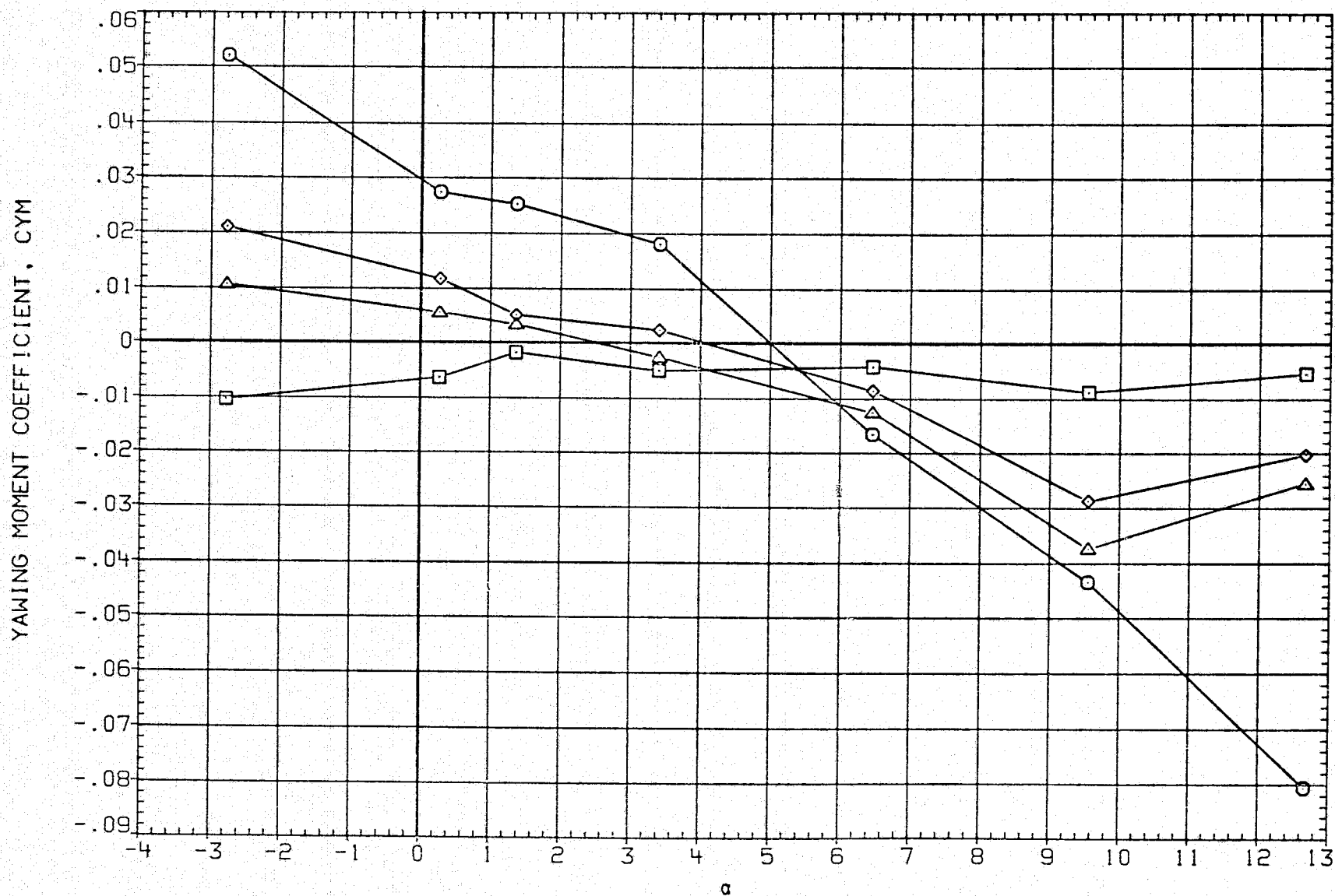


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ287) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CYM	MACH 1.995 BETA .000
□	CYMC	D1 .000 D3 .000
△	CYMT	D2 12.000 D4 12.000
◇	CYMB	D1-3 .000 D2-4 12.000
		PHI-C .000 PHI-T .000

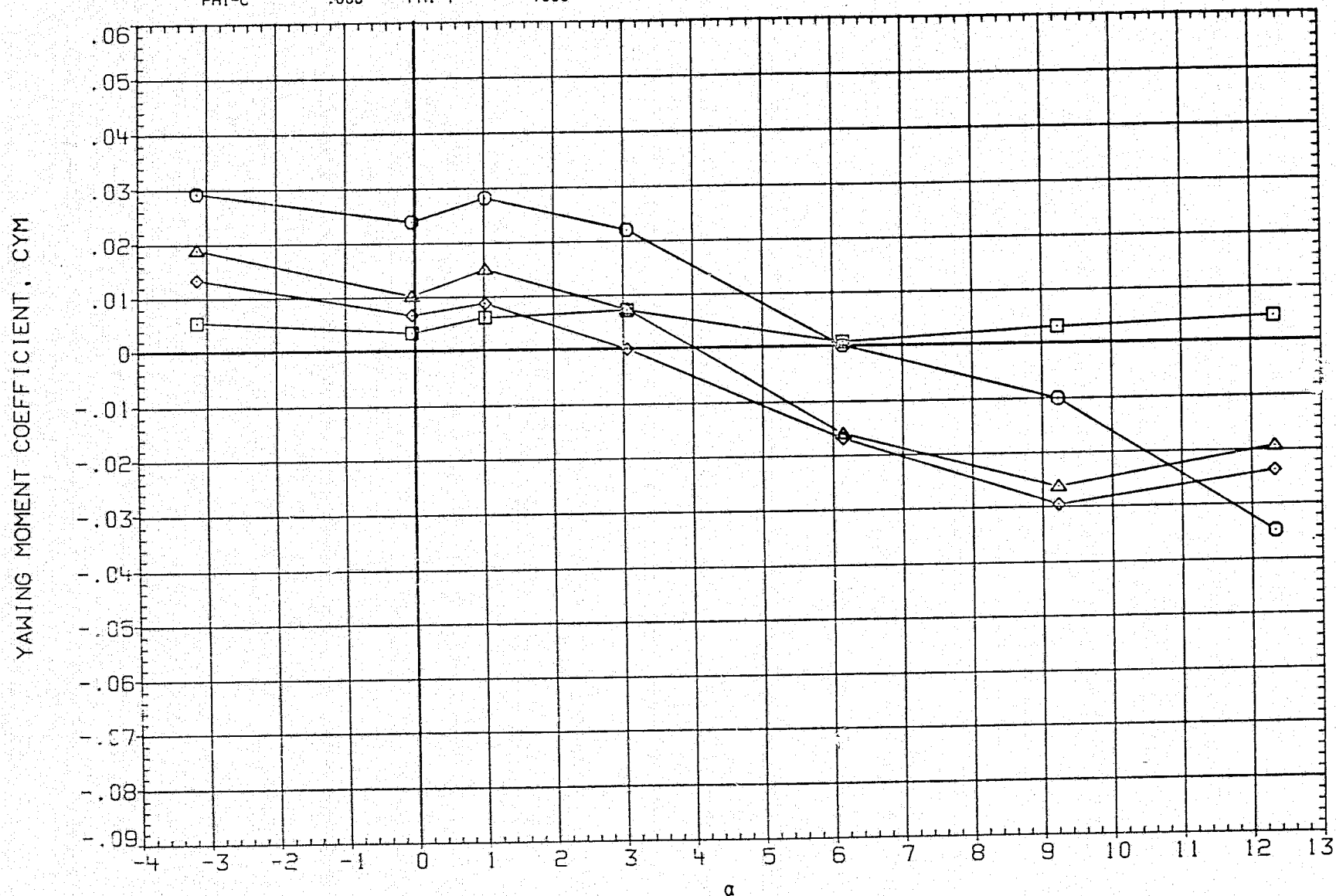


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ287)

CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.501 BETA .000
□	CRMC	D1 .000 D3 .000
◇	CRMT	D2 12.000 D4 12.000
△	CRMB	D1-3 .000 D2-4 12.000
		PHI-C .000 PHI-T .000

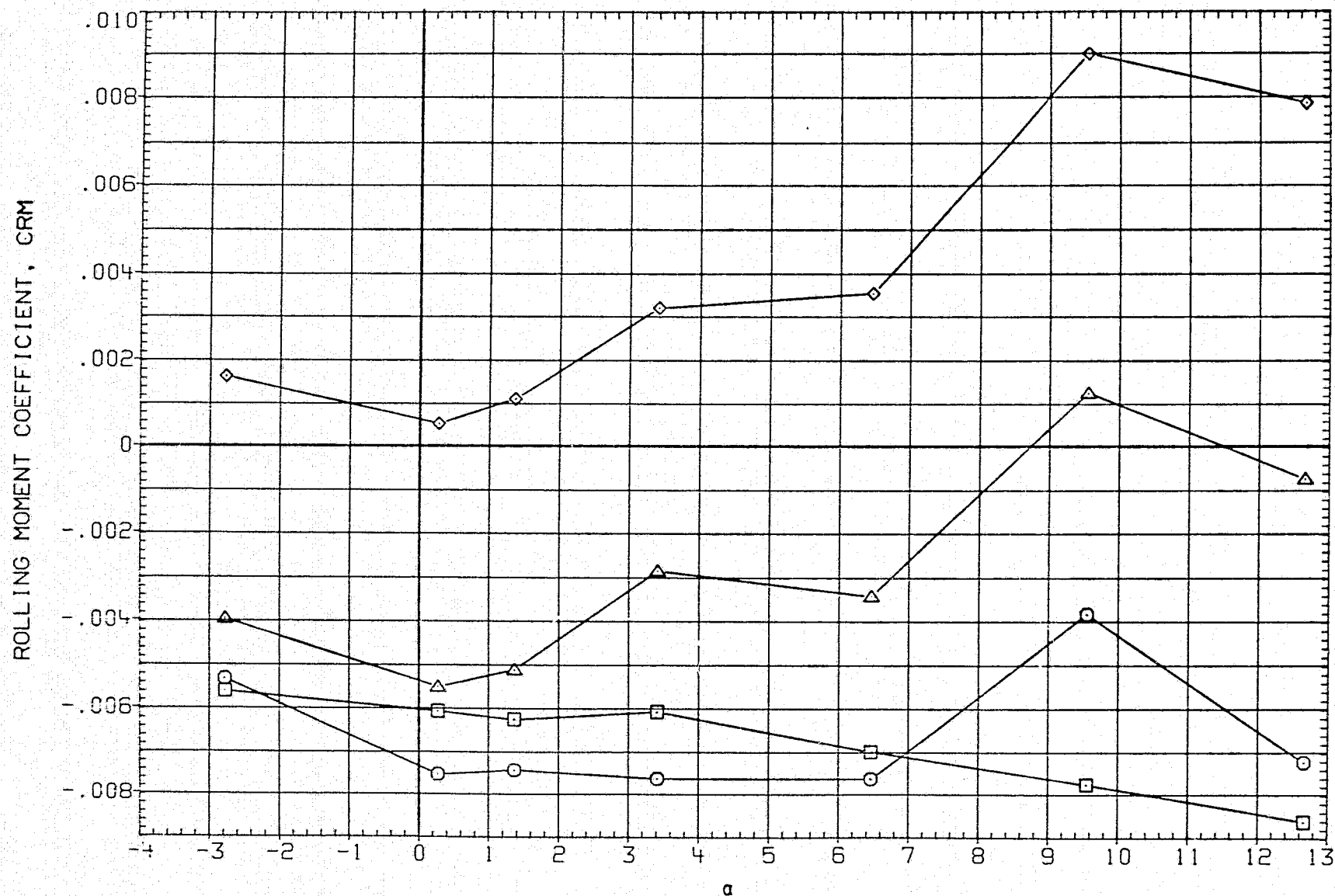


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ287) CONFIGURATION 20 (BN2C3T1)

SYMBOL	DATA	PARAMETRIC VALUES
○	CRM	MACH 1.995 BETA .000
◻	CRM C	D1 .000 D3 .000
◇	CRM T	D2 12.000 D4 12.000
△	CRM B	D1-3 .000 D2-4 12.000
		PHI-C .000 PHI-T .000

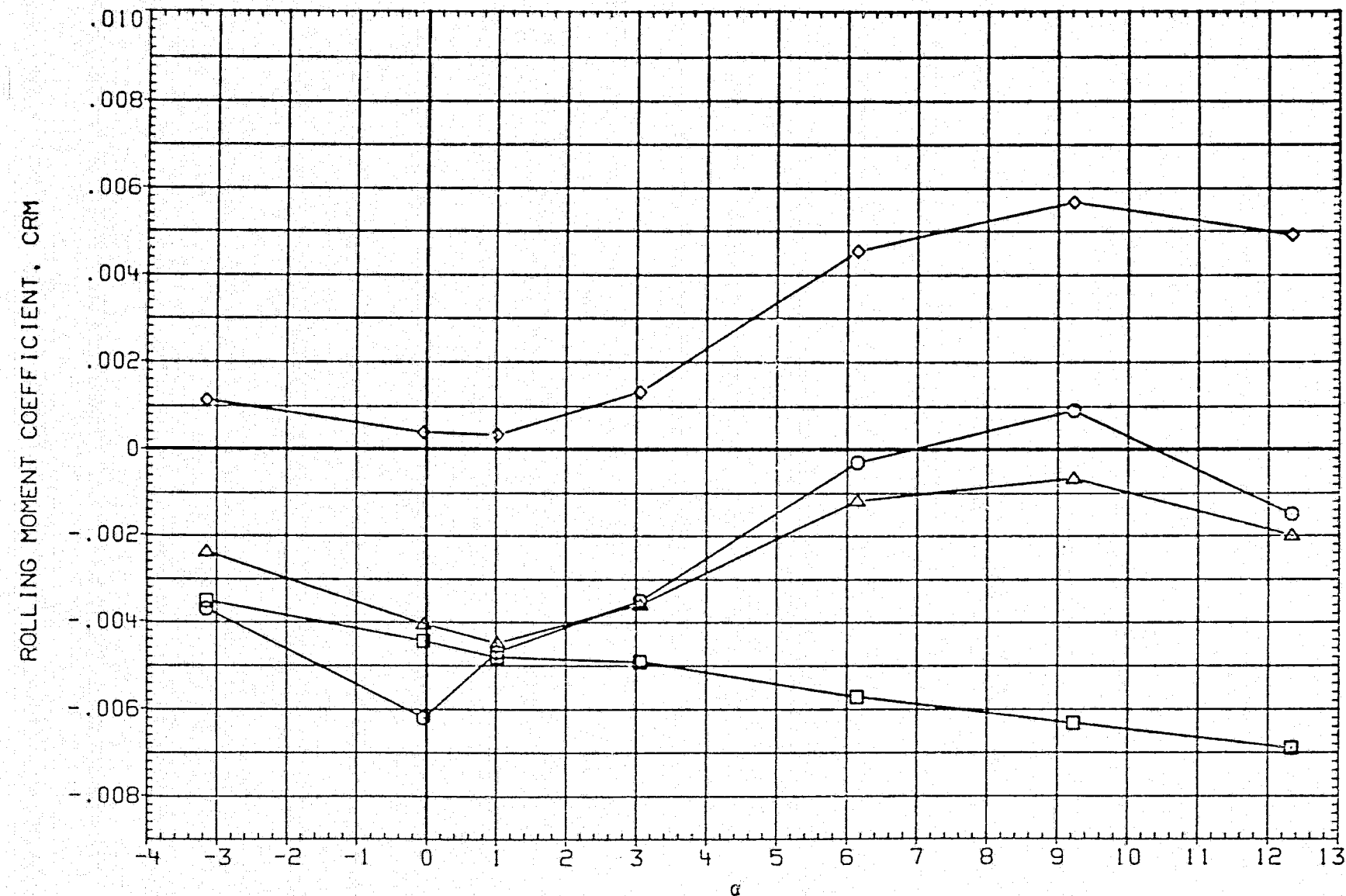


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS